

Converting Colors

XYZ(69.3057, 72.2026, 82.2732)

Have a look what the booklet for
XYZ(69.3057, 72.2026, 82.2732)
contains.

XYZ(69.1395, 72.0495, 82.2144)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.1395, 72.0495,
82.2144)**

Conversions

Conversions Part 1

Format	Color
Hex	DDDCE2
RGB	221, 220, 226
RGB Percent	87%, 86%, 89%
CMY	0.1333, 0.1372, 0.1137
CMYK	0.02, 0.03, 0.00, 0.11
HSL	250°, 9%, 87%
HSV	250°, 3%, 89%
XYZ	69.1395, 72.0495, 82.2144
YIQ	220.9830, -1.3300, 2.0780

Conversions

Conversions Part 2

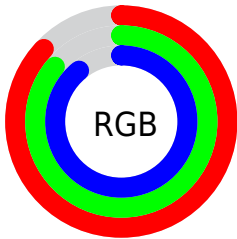
Format	Color
R _Y B	221, 220, 226
Decimal	14540002
CIE Lab	87.99, 1.43, -2.82
CIE LCh	88, 3.166, 296.900
Yxy	72.0495, 0.3095, 0.3225
Android (android.graphics.Color)	4292730082 (0xFFDDDC E2)
YUV	220.9830, 2.4734, 0.0149
Hunter-Lab	84.8820, -3.1486, 1.9907

Details

The XYZ color **69.1395, 72.0495, 82.2144** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.1685, 75.5694, 78.5491**, and the grayscale version is **68.7009, 72.2787, 78.7115**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5317, 37.9575, 43.9292** is the 20% darker color. If you saturate the color by 10%, you get **58.1860, 58.1864, 80.1170**, and if you desaturate by 10%, it is **81.5429, 87.8544, 84.6124**.

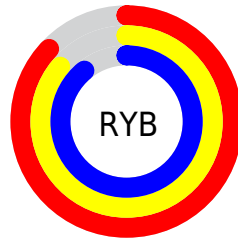
Distribution



Red (87%)

Green (86%)

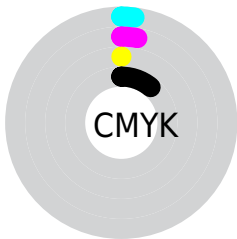
Blue (89%)



Red (87%)

Yellow (86%)

Blue (89%)

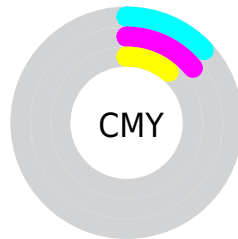


Cyan (2%)

Magenta (3%)

Yellow (0%)

Black (11%)



Cyan (13%)

Magenta (14%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1395, 72.0495, 82.2144 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 69.1395, 72.0495, 82.2144 by changing the saturation by 10% instead.

■ 69.1395, 72.0495,
82.2144

■ 69.1395, 72.0495,
82.2144

446.8365,
467.7139, 522.2668

■ 51.1024, 53.1991,
61.0054

117.0138,
122.1269, 138.3140

■ 36.5115, 37.9617,
43.7990

147.5816,
154.1227, 174.0417

■ 25.0014, 25.9530,
30.1765

183.0571,
191.2691, 215.4461

■ 16.2068, 16.7885,
19.7194

223.8056,
233.9505, 262.9457

■ 9.7624, 10.0838,
12.0092

270.1925,
282.5513, 316.9590

■ 5.3028, 5.4546,
6.6273

322.5830,

■ 2.4626, 2.5164,

337.4558, 377.9046

3.1552

381.3425,
399.0486, 446.2010

■ 0.8764, 0.8848,
1.1744

■ 0.0000, 0.0000,
0.0000

■ 69.1395, 72.0495,
82.2144

■ 69.1395, 72.0495,
82.2144

■ 58.1860, 58.1864,
80.1170

■ 81.5429, 87.8544,
84.6124

■ 48.6231, 46.1810,
78.3037

■ 90.7277, 98.2711,
86.1389

■ 40.3965, 35.9568,
76.7638

■ 33.4458, 27.4283,
75.4840

■ 27.7062, 20.5029,
74.4498

■ 23.1066, 15.0791,
73.6453

■ 19.5689, 11.0437,
73.0528

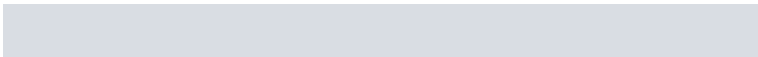
■ 17.0041, 8.2671,
72.6521

■ 15.3081, 6.5943,
72.4186

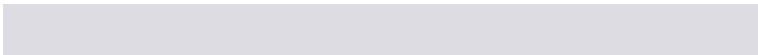
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.4024, 72.0495, 82.6729



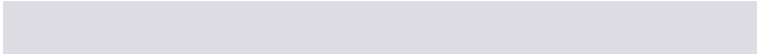
69.1395, 72.0495, 82.2144



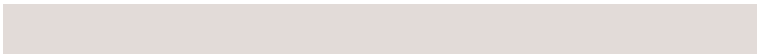
69.7037, 72.0495, 80.7411

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.1395, 72.0495, 82.2144



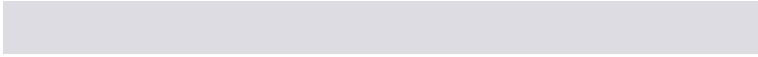
69.2764, 72.0495, 75.0196



67.0421, 72.0495, 78.2251

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



69.1395, 72.0495, 82.2144



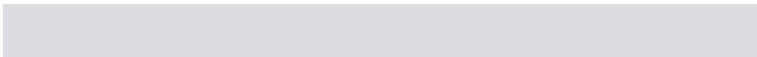
71.1685, 75.5694, 78.5491

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.2725, 72.0495, 76.2020



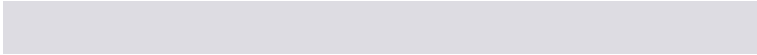
69.1395, 72.0495, 82.2144



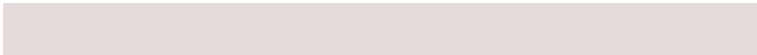
68.5594, 72.0495, 74.3727

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.1395, 72.0495, 82.2144



69.7831, 72.0495, 76.5844



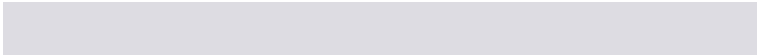
67.8265, 72.0495, 74.8016



67.1950, 72.0495, 80.3449

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.1395, 72.0495, 82.2144



69.9039, 72.0495, 79.3953



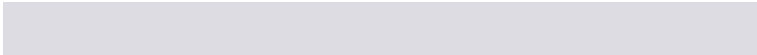
67.8265, 72.0495, 74.8016



67.0773, 72.0495, 77.5115

Sweetspot

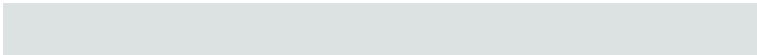
The Sweet Spot groups the original color and five complimentary colors.



69.1416, 72.0526, 82.2160



93.4640, 97.9828, 108.5942



70.1972, 74.6131, 82.6546



20.0219, 20.9936, 23.2469



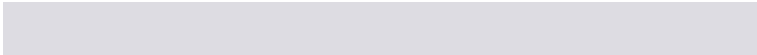
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

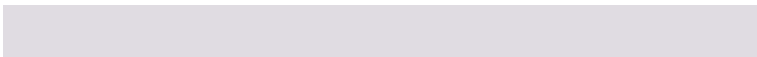
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.1416, 72.0526, 82.2160



90.3501, 94.0261, 107.9946



70.0325, 72.5119, 82.2577



14.5082, 15.0557, 17.5291



8.3452, 3.3974, 41.2643



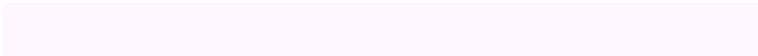
0.6436, 0.2691, 2.8633

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



70.5503, 72.7946, 81.5699



92.4538, 95.1342, 107.0279



70.2717, 75.1071, 78.5071



14.9341, 15.2801, 17.3326



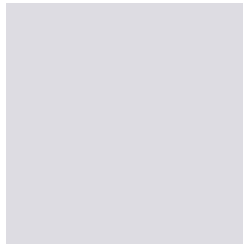
23.1364, 11.3215, 28.4475



1.6300, 0.7953, 2.1106

Previews

White Background



This preview shows how the XYZ color 69.1395, 72.0495, 82.2144 looks on a white background.

Color Contrast Check

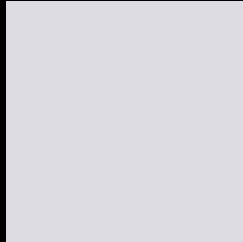
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 69.1395, 72.0495, 82.2144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

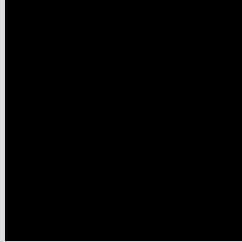
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

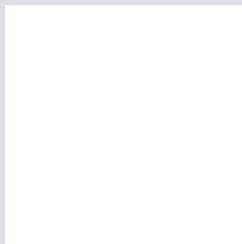
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.1395, 72.0495, 82.2144

Background



This preview shows how black text looks on a background with the XYZ color 69.1395, 72.0495, 82.2144.

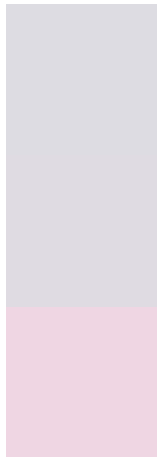


This preview shows how white text looks on a background with the XYZ color 69.1395, 72.0495,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

69.1395, 72.0495, 82.2144

Protanopia

69.4904, 71.8420, 82.1559

Deuteranopia

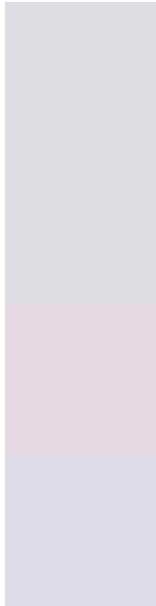
73.5083, 71.9899, 82.6942



Tritanopia

70.6432, 71.8869, 89.5091

Trichromacy



Original Color

69.1395, 72.0495, 82.2144

Protanomaly

69.1832, 71.6836, 82.1415

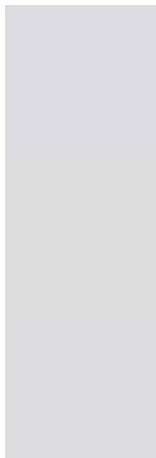
Deuteranomaly

71.6997, 71.8136, 82.7555

Tritanomaly

70.0212, 72.0188, 86.5544

Monochromacy



Original Color

69.1395, 72.0495, 82.2144

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.9945, 72.4128, 80.1527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1395, 72.0495, 82.2144 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(221, 220, 226) looks like.

```
.text, #text, p{  
    color:rgb(221, 220, 226)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(221, 220, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 220, 226) }
```

Border

The CSS property to change the border of an element to XYZ 69.1395, 72.0495, 82.2144 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(221, 220, 226) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(221, 220, 226) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(221, 220, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 220, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 220, 226);  
box-shadow:4px 4px 4px 4px rgb(221, 220,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1395, 72.0495, 82.2144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 220, 226) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(221,  
220, 226) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor