

Converting Colors

XYZ(69.5939, 72.6565, 83.2702)

Have a look what the booklet for
XYZ(69.5939, 72.6565, 83.2702)
contains.

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Color

**XYZ(69.5404, 72.6311,
83.0271)**

Conversions

Conversions Part 1

Format	Color
Hex	DDDDE3
RGB	221, 221, 227
RGB Percent	87%, 87%, 89%
CMY	0.1333, 0.1333, 0.1098
CMYK	0.03, 0.03, 0.00, 0.11
HSL	240°, 10%, 88%
HSV	240°, 3%, 89%
XYZ	69.5404, 72.6311, 83.0271
YIQ	221.6840, -1.9260, 1.8660

Conversions

Conversions Part 2

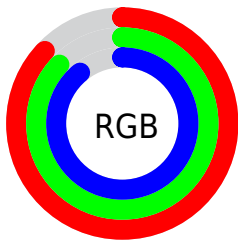
Format	Color
R _{YB}	221, 221, 227
Decimal	14540259
CIE Lab	88.27, 1.10, -2.94
CIE LCh	88, 3.138, 290.459
Yxy	72.6311, 0.3088, 0.3225
Android (android.graphics.Color)	4292730339 (0xFFDDDDE3)
YUV	221.6840, 2.6208, -0.5999
Hunter-Lab	85.2239, -3.4906, 1.8950

Details

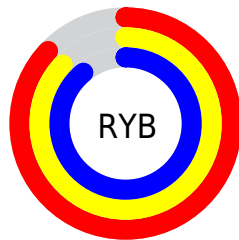
The XYZ color **69.5404, 72.6311, 83.0271** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.1990, 76.4888, 79.3663**, and the grayscale version is **69.1931, 72.7966, 79.2755**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8085, 38.3580, 44.4935** is the 20% darker color. If you saturate the color by 10%, you get **57.5005, 58.1267, 80.8631**, and if you desaturate by 10%, it is **83.3283, 89.2422, 85.5078**.

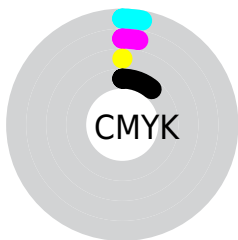
Distribution



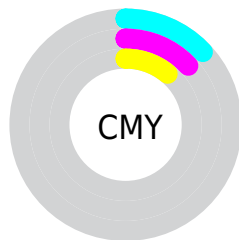
- Red (87%)
- Green (87%)
- Blue (89%)



- Red (87%)
- Yellow (87%)
- Blue (89%)



- Cyan (3%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (13%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.5404, 72.6311, 83.0271 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 69.5404, 72.6311, 83.0271 by changing the saturation by 10% instead.

■ 69.5404, 72.6311,
83.0271

■ 69.5404, 72.6311,
83.0271

448.2262,
469.7353, 525.0502

■ 51.4302, 53.6744,
61.6718

117.5829,
122.9534, 139.4630

■ 36.7735, 38.3414,
44.3335

148.2460,
155.0877, 175.3806

■ 25.2050, 26.2478,
30.5936

183.8240,
192.3833, 216.9894

■ 16.3594, 17.0091,
20.0337

224.6824,
235.2247, 264.7080

■ 9.8713, 10.2410,
12.2353

271.1864,
283.9962, 318.9548

■ 5.3753, 5.5590,
6.7796

323.7015,

■ 2.5061, 2.5788,

339.0822, 380.1484

3.2483

382.5930,
400.8671, 448.7074

■ 0.8983, 0.9160,
1.2228

■ 0.0000, 0.0000,
0.0000

■ 69.5404, 72.6311,
83.0271

■ 69.5404, 72.6311,
83.0271

■ 57.5005, 58.1267,
80.8631

■ 83.3283, 89.2422,
85.5078

■ 47.1330, 45.6361,
78.9986

■ 90.8653, 98.3261,
86.8639

■ 38.3657, 35.0730,
77.4219

■ 31.1190, 26.3417,
76.1185

■ 25.3065, 19.3378,
75.0729

■ 20.8329, 13.9467,
74.2681

■ 17.5916, 10.0402,
73.6849

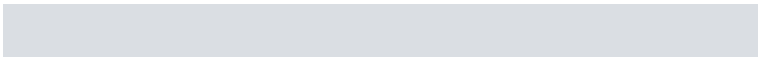
■ 15.4596, 7.4700,
73.3012

■ 14.2889, 6.0580,
73.0904

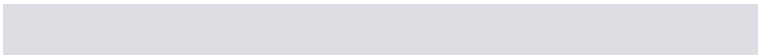
Harmonies

Analogous

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



68.7943, 72.6311, 83.2380



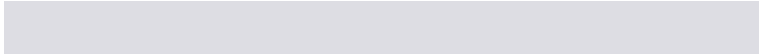
69.5404, 72.6311, 83.0271



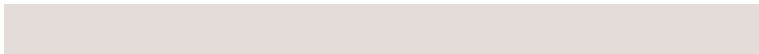
70.1549, 72.6311, 81.7490

Triad

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



69.5404, 72.6311, 83.0271



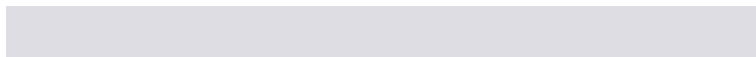
69.9584, 72.6311, 75.9318



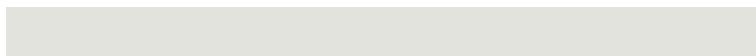
67.6173, 72.6311, 78.3984

Complementary

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



69.5404, 72.6311, 83.0271



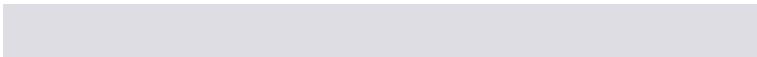
72.1990, 76.4888, 79.3663

Split Complementary

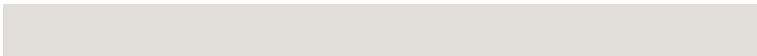
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.9245, 72.6311, 76.4755



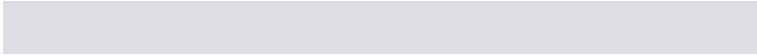
69.5404, 72.6311, 83.0271



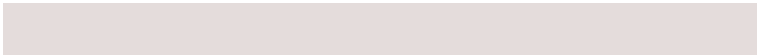
69.2737, 72.6311, 75.0685

Square

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



69.5404, 72.6311, 83.0271



70.3975, 72.6311, 77.6441



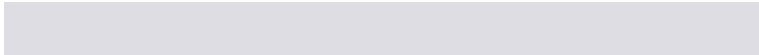
68.5294, 72.6311, 75.2657



67.6876, 72.6311, 80.5394

Rectangle

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



69.5404, 72.6311, 83.0271



70.4055, 72.6311, 80.4763



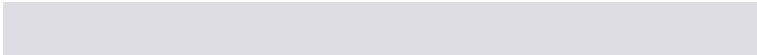
68.5294, 72.6311, 75.2657



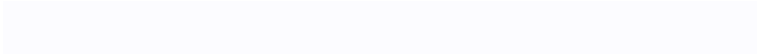
67.6798, 72.6311, 77.7057

Sweetspot

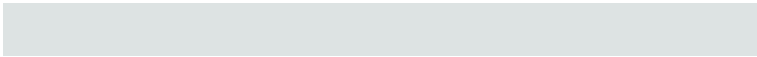
The Sweet Spot groups the original color and five complimentary colors.



69.5425, 72.6342, 83.0287



93.3104, 97.9043, 108.5872



71.1404, 75.8521, 83.4932



19.9906, 20.9776, 23.2454



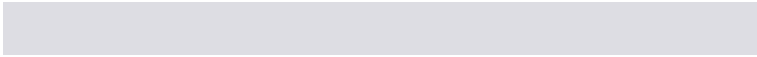
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



69.5425, 72.6342, 83.0287



89.9006, 93.7964, 107.9740



70.4322, 73.0915, 83.0701



15.1240, 15.7443, 18.3862



8.0873, 3.2367, 42.5817



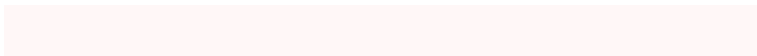
0.5979, 0.2397, 3.1467

Inverse Universe

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



70.5878, 73.2657, 78.8316



91.4512, 94.7331, 101.7480



71.2929, 76.0231, 79.3242



15.4539, 15.9437, 17.0613



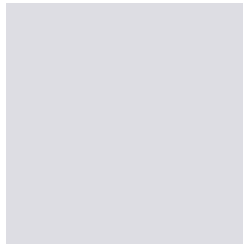
18.4756, 9.5245, 0.8676



1.3654, 0.7039, 0.0647

Previews

White Background



This preview shows how the XYZ color 69.5404, 72.6311, 83.0271 looks on a white background.

Color Contrast Check

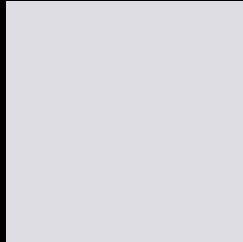
Large Text (above 18pt) WCAG AA × Fail

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 69.5404, 72.6311, 83.0271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

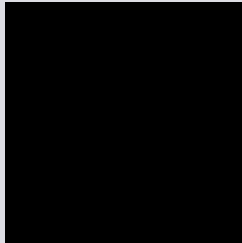
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

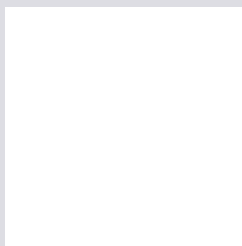
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.5404, 72.6311, 83.0271

Background



This preview shows how black text looks on a background with the XYZ color 69.5404, 72.6311, 83.0271.

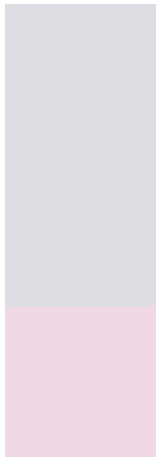


This preview shows how white text looks on a background with the XYZ color 69.5404, 72.6311,

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

69.5404, 72.6311, 83.0271

Protanopia

70.1988, 72.5797, 82.9825

Deuteranopia

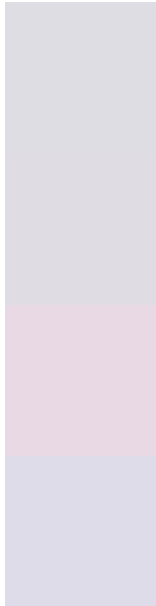
74.2392, 72.7276, 83.5238



Tritanopia

71.0490, 72.4654, 90.3633

Trichromacy



Original Color

69.5404, 72.6311, 83.0271

Protanomaly

69.8898, 72.4204, 82.9680

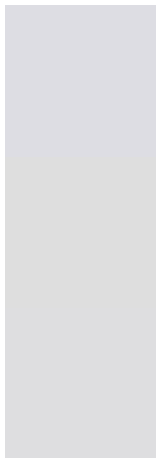
Deuteranomaly

72.4207, 72.5508, 83.5855

Tritanomaly

70.4254, 72.5992, 87.3920

Monochromacy



Original Color

69.5404, 72.6311, 83.0271

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.7000, 73.1540, 80.9676

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.5404, 72.6311, 83.0271 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, 221, 227) looks like.

```
.text, #text, p{  
    color:rgb(221, 221, 227)  
}
```

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, 221, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 221, 227) }
```

Border

The CSS property to change the border of an element to XYZ 69.5404, 72.6311, 83.0271 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, 221, 227) }
```


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

```
.border{ border-color:rgb(221, 221, 227) }
```

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

Here you see how a box with a 4 pixel rgb(221, 221, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 221, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 221, 227);  
box-shadow:4px 4px 4px 4px rgb(221, 221,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 69.5404, 72.6311, 83.0271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 221, 227) }
```

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

```
.background{ background-color: rgb(221,  
221, 227) }
```

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](#).

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