

Converting Colors

XYZ(69.6172, 70.9594, 90.1493)

Have a look what the booklet for
XYZ(69.6172, 70.9594, 90.1493)
contains.

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Color

**XYZ(69.6141, 70.9558,
90.1475)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD9ED
RGB	220, 217, 237
RGB Percent	86%, 85%, 93%
CMY	0.1372, 0.1490, 0.0706
CMYK	0.07, 0.08, 0.00, 0.07
HSL	249°, 36%, 89%
HSV	249°, 8%, 93%
XYZ	69.6141, 70.9558, 90.1475
YIQ	220.1770, -4.6320, 6.8560

Conversions

Conversions Part 2

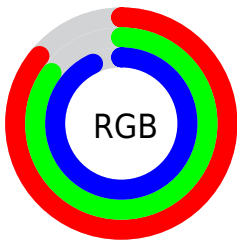
Format	Color
R _Y B	220, 217, 237
Decimal	14473709
CIE Lab	87.46, 4.74, -9.41
CIE LCh	87, 10.539, 296.719
Yxy	70.9558, 0.3017, 0.3075
Android (android.graphics.Color)	4292663789 (0xFFDCD9ED)
YUV	220.1770, 8.2937, -0.1552
Hunter-Lab	84.2353, 0.1051, -4.4867

Details

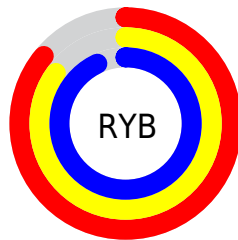
The XYZ color **69.6141, 70.9558, 90.1475** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.7429, 83.0724, 77.6390**, and the grayscale version is **68.0991, 71.6455, 78.0220**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7779, 37.1762, 48.9534** is the 20% darker color. If you saturate the color by 10%, you get **58.2040, 56.6486, 87.9884**, and if you desaturate by 10%, it is **82.6406, 87.4023, 92.6365**.

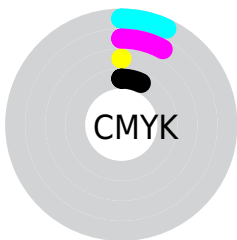
Distribution



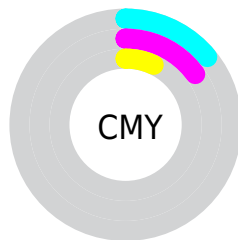
- Red (86%)
- Green (85%)
- Blue (93%)



- Red (86%)
- Yellow (85%)
- Blue (93%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)
- Black (7%)



- Cyan (14%)
- Magenta (15%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6141, 70.9558, 90.1475 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 69.6141, 70.9558, 90.1475 by changing the saturation by 10% instead.

■ 69.6141, 70.9558,
90.1475

■ 69.6141, 70.9558,
90.1475

448.4815,
463.8989, 549.0930

■ 51.4905, 52.3061,
67.5286

117.6875,
120.5708, 149.4806

■ 36.8217, 37.2491,
49.0500

148.3680,
152.3049, 187.0318

■ 25.2425, 25.4004,
34.2933

183.9649,
189.1693, 230.3976

■ 16.3875, 16.3757,
22.8398

224.8434,
231.5483, 279.9964

■ 9.8914, 9.7904,
14.2711

271.3690,
279.8264, 336.2468

■ 5.3887, 5.2602,
8.1685

323.9069,

■ 2.5142, 2.4007,

334.3879, 399.5673

4.1137

382.8226,
395.6173, 470.3766

■ 0.9024, 0.8263,
1.6879

■ 0.0000, 0.0000,
0.3524

■ 69.6141, 70.9558,
90.1475

■ 69.6141, 70.9558,
90.1475

■ 58.2040, 56.6486,
87.9884

■ 82.6406, 87.4023,
92.6365

■ 48.3408, 44.3839,
86.1409

■ 92.2863, 98.8945,
94.3464

■ 39.9591, 34.0709,
84.5921

■ 32.9867, 25.6080,
83.3261

■ 27.3447, 18.8849,
82.3257

■ 22.9468, 13.7791,
81.5720

■ 19.6960, 10.1519,
81.0432

■ 17.4802, 7.8412,
80.7140

■ 16.1506, 6.6197,
80.5483

Harmonies

Analogous

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



67.1680, 70.9558, 91.7526



69.6141, 70.9558, 90.1475



71.5181, 70.9558, 85.0197

Triad

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



69.6141, 70.9558, 90.1475



70.0994, 70.9558, 66.3670



62.7794, 70.9558, 76.4776

Complementary

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



69.6141, 70.9558, 90.1475



76.7429, 83.0724, 77.6390

Split Complementary

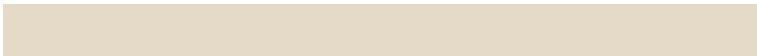
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.5225, 70.9558, 69.9852



69.6141, 70.9558, 90.1475



67.7154, 70.9558, 64.3779

Square

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



69.6141, 70.9558, 90.1475



71.8032, 70.9558, 71.2640



65.3143, 70.9558, 65.6612



63.2599, 70.9558, 83.5807

Rectangle

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



69.6141, 70.9558, 90.1475



72.2029, 70.9558, 80.4477



65.3143, 70.9558, 65.6612



62.8939, 70.9558, 74.1553

Sweetspot

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



69.6162, 70.9588, 90.1491



90.3056, 94.0031, 107.9925



73.4214, 79.9037, 91.6750



19.0641, 19.7860, 23.0642



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.



69.6162, 70.9588, 90.1491



79.9172, 80.9135, 106.0135



72.6276, 72.5112, 90.2900



14.4413, 14.6572, 18.9902



8.8011, 3.5731, 43.9688



0.7558, 0.3139, 3.4556

Inverse Universe

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



74.5917, 73.5739, 88.1153



86.8386, 84.5520, 103.1578



73.6547, 81.4804, 77.4944



15.6121, 15.2727, 18.5088



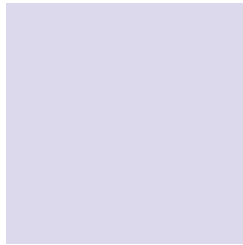
24.8937, 12.1602, 31.5712



1.9811, 0.9654, 2.6179

Previews

White Background



This preview shows how the XYZ color 69.6141, 70.9558, 90.1475 looks on a white background.

Color Contrast Check

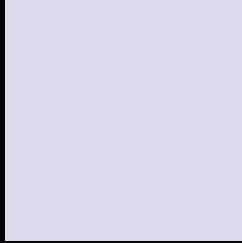
Large Text (above 18pt) WCAG AA × Fail

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 69.6141, 70.9558, 90.1475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

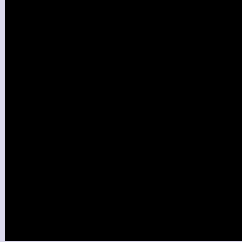
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.6141, 70.9558, 90.1475

Background



This preview shows how black text looks on a background with the XYZ color 69.6141, 70.9558, 90.1475.

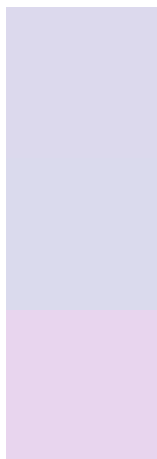


This preview shows how white text looks on a background with the XYZ color 69.6141, 70.9558,

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

69.6141, 70.9558, 90.1475

Protanopia

69.2709, 71.1627, 90.2056

Deuteranopia

72.5056, 70.9174, 90.7559



Tritanopia

69.3235, 70.8395, 88.6169

Trichromacy



Original Color

69.6141, 70.9558, 90.1475

Protanomaly

69.5709, 71.3173, 90.2196

Deuteranomaly

71.4741, 70.7602, 90.7799

Tritanomaly

69.4684, 70.8975, 89.3801

Monochromacy



Original Color

69.6141, 70.9558, 90.1475

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.5742, 71.3697, 82.1130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6141, 70.9558, 90.1475 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(220, 217, 237) looks like.

```
.text, #text, p{  
    color:rgb(220, 217, 237)  
}
```

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(220, 217, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 217, 237) }
```

Border

The CSS property to change the border of an element to XYZ 69.6141, 70.9558, 90.1475 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(220, 217, 237) }
```


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

```
.border{ border-color:rgb(220, 217, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 217, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 217, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 217, 237);  
box-shadow:4px 4px 4px 4px rgb(220, 217,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6141, 70.9558, 90.1475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 217, 237) }
```

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

```
.background{ background-color: rgb(220,  
217, 237) }
```

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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