

Converting Colors

XYZ(66.1808, 66.7073, 92.9518)

Have a look what the booklet for
XYZ(66.1808, 66.7073, 92.9518)
contains.

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Color

**XYZ(66.3228, 66.9365,
92.6435)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D3F1
RGB	212, 211, 241
RGB Percent	83%, 83%, 95%
CMY	0.1686, 0.1725, 0.0549
CMYK	0.12, 0.12, 0.00, 0.05
HSL	242°, 52%, 89%
HSV	242°, 12%, 95%
XYZ	66.3228, 66.9365, 92.6435
YIQ	214.7190, -9.0340, 9.5420

Conversions

Conversions Part 2

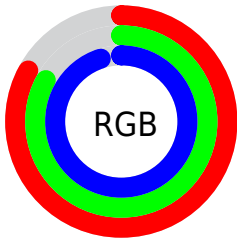
Format	Color
R _Y B	212, 211, 241
Decimal	13947889
CIE Lab	85.47, 6.11, -14.57
CIE LCh	85, 15.793, 292.742
Yxy	66.9365, 0.2936, 0.2963
Android (android.graphics.Color)	4292137969 (0xFFD4D3F1)
YUV	214.7190, 12.9565, -2.3846
Hunter-Lab	81.8147, 1.5246, -9.8671

Details

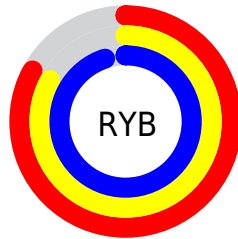
The XYZ color **66.3228, 66.9365, 92.6435** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.1508, 86.1408, 74.0864**, and the grayscale version is **64.3226, 67.6724, 73.6952**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.7186, 34.7848, 50.7832** is the 20% darker color. If you saturate the color by 10%, you get **54.5401, 52.6321, 90.5045**, and if you desaturate by 10%, it is **79.9763, 83.5413, 95.1300**.

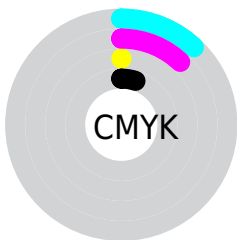
Distribution



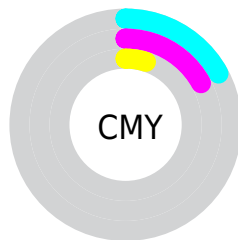
- Red (83%)
- Green (83%)
- Blue (95%)



- Red (83%)
- Yellow (83%)
- Blue (95%)



- Cyan (12%)
- Magenta (12%)
- Yellow (0%)
- Black (5%)



- Cyan (17%)
- Magenta (17%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3228, 66.9365, 92.6435 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 66.3228, 66.9365, 92.6435 by changing the saturation by 10% instead.

■ 66.3228, 66.9365,
92.6435

■ 66.3228, 66.9365,
92.6435

437.0009,
449.7187, 557.3835

■ 48.8032, 49.0330,
69.5892

113.0047,
114.8294, 152.9724

■ 34.6773, 34.6457,
50.7170

142.8976,
145.5876, 191.0841

■ 23.5797, 23.3901,
35.6083

177.6457,
181.3996, 235.0520

■ 15.1452, 14.8818,
23.8445

217.6143,
222.6496, 285.2946

■ 9.0083, 8.7365,
15.0072

263.1688,
269.7222, 342.2305

■ 4.8038, 4.5697,
8.6777

314.6745,

■ 2.1662, 1.9971,

323.0016, 406.2783

4.4377

372.4967,
382.8723, 477.8565

■ 0.7248, 0.6058,
1.8684

■ 0.0000, 0.0000,
0.4725

■ 66.3228, 66.9365,
92.6435

■ 66.3228, 66.9365,
92.6435

■ 54.5401, 52.6321,
90.5045

■ 79.9763, 83.5413,
95.1300

■ 44.5411, 40.5187,
88.6934

■ 92.8774, 99.1310,
97.4591

■ 36.2405, 30.4908,
87.1953

■ 29.5442, 22.4306,
85.9925

■ 24.3483, 16.2087,
85.0654

■ 20.5372, 11.6805,
84.3922

■ 17.9784, 8.6792,
83.9478

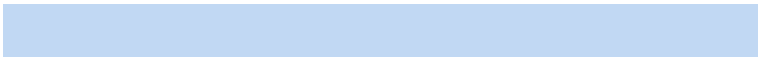
■ 16.5131, 7.0047,
83.7018

■ 15.9776, 6.4026,
83.6138

Harmonies

Analogous

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



62.7544, 66.9365, 94.2680



66.3228, 66.9365, 92.6435



69.2657, 66.9365, 85.4969

Triad

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



66.3228, 66.9365, 92.6435



67.8854, 66.9365, 58.2744



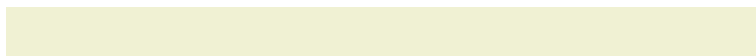
57.0264, 66.9365, 70.4172

Complementary

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



66.3228, 66.9365, 92.6435



79.1508, 86.1408, 74.0864

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.



58.2919, 66.9365, 61.5742



66.3228, 66.9365, 92.6435



64.4958, 66.9365, 55.0037

Square

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



66.3228, 66.9365, 92.6435



70.1913, 66.9365, 65.5153



60.9939, 66.9365, 56.1525



57.4743, 66.9365, 80.7822

Rectangle

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



66.3228, 66.9365, 92.6435



70.4324, 66.9365, 78.8965



60.9939, 66.9365, 56.1525



57.2638, 66.9365, 67.1821

Sweetspot

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



66.3248, 66.9393, 92.6450



88.3466, 91.8414, 107.6785



74.0507, 82.8164, 95.3024



18.6485, 19.3399, 23.0000



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.



66.3248, 66.9393, 92.6450



71.7183, 71.6256, 104.6529



70.6949, 69.1922, 92.8495



14.9458, 15.2538, 19.8782



8.6862, 3.4833, 45.3424



0.7396, 0.2985, 3.7729

Inverse Universe

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



75.3004, 71.5835, 92.2897



83.8344, 77.8953, 104.1551



74.4226, 83.7033, 73.8652



16.4302, 16.0218, 19.8219



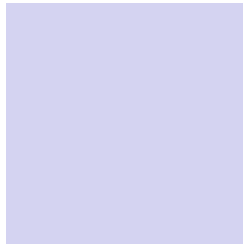
27.6570, 13.3352, 42.9720



2.3079, 1.1122, 3.6121

Previews

White Background



This preview shows how the XYZ color 66.3228, 66.9365, 92.6435 looks on a white background.

Color Contrast Check

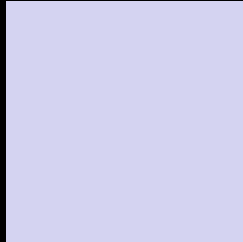
Large Text (above 18pt) WCAG AA × Fail

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 66.3228, 66.9365, 92.6435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

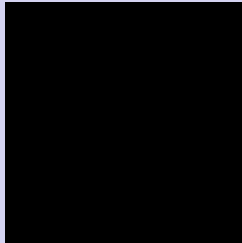
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.3228, 66.9365, 92.6435

Background



This preview shows how black text looks on a background with the XYZ color 66.3228, 66.9365, 92.6435.

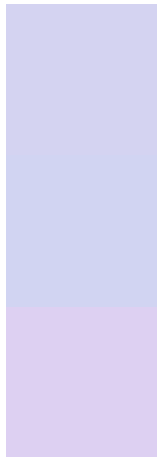


This preview shows how white text looks on a background with the XYZ color 66.3228, 66.9365,

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

66.3228, 66.9365, 92.6435

Protanopia

65.8650, 67.0531, 93.4755

Deuteranopia

68.4017, 66.8947, 93.3112



Tritanopia

64.6555, 67.0033, 84.3881

Trichromacy



Original Color

66.3228, 66.9365, 92.6435

Protanomaly

66.1488, 67.1994, 93.4888

Deuteranomaly

67.7409, 66.9172, 93.3504

Tritanomaly

65.2587, 66.8764, 87.3108

Monochromacy



Original Color

66.3228, 66.9365, 92.6435

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.2327, 67.7711, 80.1640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3228, 66.9365, 92.6435 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(212, 211, 241)` looks like.

```
.text, #text, p{  
    color:rgb(212, 211, 241)  
}
```

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(212, 211, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 211, 241) }
```

Border

The CSS property to change the border of an element to XYZ 66.3228, 66.9365, 92.6435 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(212, 211, 241) }
```


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

```
.border{ border-color:rgb(212, 211, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 211, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 211, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 211, 241);  
box-shadow:4px 4px 4px 4px rgb(212, 211,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3228, 66.9365, 92.6435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 211, 241) }
```

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

```
.background{ background-color: rgb(212,  
211, 241) }
```

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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