

Converting Colors

XYZ(65.2930, 65.2750, 92.6590)

Have a look what the booklet for
XYZ(65.2930, 65.2750, 92.6590)
contains.

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Color

**XYZ(65.2970, 65.3115,
92.3839)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D0F1
RGB	211, 208, 241
RGB Percent	83%, 82%, 95%
CMY	0.1725, 0.1843, 0.0549
CMYK	0.12, 0.14, 0.00, 0.05
HSL	245°, 54%, 88%
HSV	245°, 14%, 95%
XYZ	65.2970, 65.3115, 92.3839
YIQ	212.6590, -8.8050, 10.8990

Conversions

Conversions Part 2

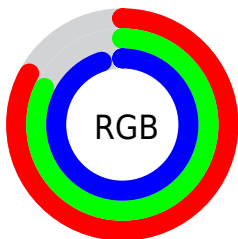
Format	Color
R _Y B	211, 208, 241
Decimal	13881585
CIE Lab	84.64, 7.38, -15.82
CIE LCh	85, 17.451, 295.002
Yxy	65.3115, 0.2928, 0.2929
Android (android.graphics.Color)	4292071665 (0xFFD3D0F1)
YUV	212.6590, 13.9721, -1.4549
Hunter-Lab	80.8155, 2.7965, -11.2062

Details

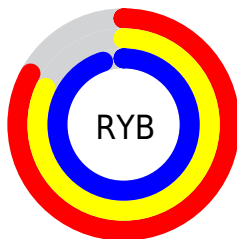
The XYZ color **65.2970, 65.3115, 92.3839** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.1027, 85.6435, 72.0920**, and the grayscale version is **62.9337, 66.2111, 72.1039**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.0229, 33.6819, 50.6070** is the 20% darker color. If you saturate the color by 10%, you get **54.0069, 51.4228, 90.2992**, and if you desaturate by 10%, it is **78.3394, 81.4323, 94.8091**.

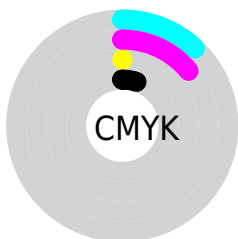
Distribution



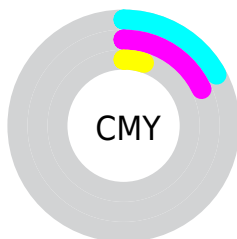
- Red (83%)
- Green (82%)
- Blue (95%)



- Red (83%)
- Yellow (82%)
- Blue (95%)



- Cyan (12%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)



- Cyan (17%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2970, 65.3115, 92.3839 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 65.2970, 65.3115, 92.3839 by changing the saturation by 10% instead.

■ 65.2970, 65.3115,
92.3839

■ 65.2970, 65.3115,
92.3839

433.3869,
443.9105, 556.5244

■ 47.9675, 47.7137,
69.3747

111.5401,
112.4976, 152.6097

■ 34.0123, 33.6002,
50.5433

141.1844,
142.8547, 190.6633

■ 23.0660, 22.5866,
35.4711

175.6644,
178.2336, 234.5689

■ 14.7632, 14.2886,
23.7395

215.3454,
219.0189, 284.7450

■ 8.7386, 8.3217,
14.9301

260.5928,
265.5948, 341.6100

■ 4.6268, 4.3015,
8.6243

311.7720,

■ 2.0625, 1.8436,

318.3458, 405.5825

4.4035

369.2482,
377.6562, 477.0812

■ 0.6687, 0.5141,
1.8492

■ 0.0000, 0.0000,
0.4601

■ 65.2970, 65.3115,
92.3839

■ 65.2970, 65.3115,
92.3839

■ 54.0069, 51.4228,
90.2992

■ 78.3394, 81.4323,
94.8091

■ 44.3888, 39.6600,
88.5357

■ 92.8126, 99.0976,
97.4561

■ 36.3645, 29.9204,
87.0787

■ 92.8774, 99.1309,
97.4591

■ 29.8477, 22.0896,
85.9106

■ 24.7436, 16.0419,
85.0123

■ 20.9466, 11.6362,
84.3621

■ 18.3361, 8.7104,
83.9349

■ 16.7687, 7.0683,
83.7006

■ 16.2059, 6.5203,
83.6245

Harmonies

Analogous

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



61.4262, 65.3115, 94.6995



65.2970, 65.3115, 92.3839



68.4179, 65.3115, 84.1422

Triad

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



65.2970, 65.3115, 92.3839



66.4733, 65.3115, 54.9459



54.9087, 65.3115, 69.2601

Complementary

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



65.2970, 65.3115, 92.3839



78.1027, 85.6435, 72.0920

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.



56.1398, 65.3115, 59.5036



65.2970, 65.3115, 92.3839



62.7316, 65.3115, 51.8094

Square

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



65.2970, 65.3115, 92.3839



69.1167, 65.3115, 62.4252



58.9639, 65.3115, 53.3869



55.5316, 65.3115, 80.5719

Rectangle

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



65.2970, 65.3115, 92.3839



69.5977, 65.3115, 76.8113



58.9639, 65.3115, 53.3869



55.1179, 65.3115, 65.7040

Sweetspot

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



65.2990, 65.3142, 92.3854



88.5521, 91.9473, 107.6881



72.5390, 81.0572, 95.0425



18.7002, 19.3665, 23.0025



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.



65.2990, 65.3142, 92.3854



71.0326, 70.3054, 104.4342



70.1927, 67.8371, 92.6144



15.0304, 15.2974, 19.8821



8.8353, 3.5602, 45.3494



0.7800, 0.3194, 3.7748

Inverse Universe

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



74.2663, 69.9884, 90.4868



82.7962, 76.4380, 101.9000



72.8901, 82.9563, 71.8480



16.3887, 16.0052, 19.6032



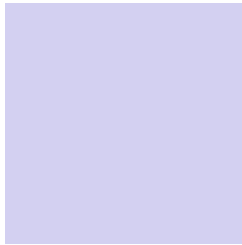
26.6393, 12.9282, 37.6129



2.2341, 1.0827, 3.2237

Previews

White Background



This preview shows how the XYZ color 65.2970, 65.3115, 92.3839 looks on a white background.

Color Contrast Check

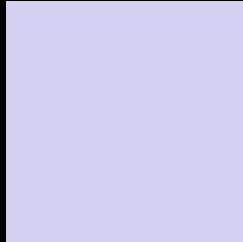
Large Text (above 18pt) WCAG AA × Fail

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 65.2970, 65.3115, 92.3839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

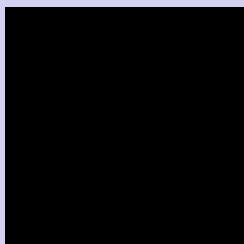
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2970, 65.3115, 92.3839

Background



This preview shows how black text looks on a background with the XYZ color 65.2970, 65.3115, 92.3839.



This preview shows how white text looks on a background with the XYZ color 65.2970, 65.3115,

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

65.2970, 65.3115, 92.3839

Protanopia

64.5272, 65.6258, 93.2705

Deuteranopia

66.5638, 65.2452, 92.3044



Tritanopia

63.2062, 65.1945, 81.9255

Trichromacy



Original Color

65.2970, 65.3115, 92.3839

Protanomaly

64.8399, 65.4216, 93.2146

Deuteranomaly

66.2143, 65.4236, 92.3572

Tritanomaly

63.9443, 65.1288, 85.5448

Monochromacy



Original Color

65.2970, 65.3115, 92.3839

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.7649, 65.9133, 79.1738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2970, 65.3115, 92.3839 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(211, 208, 241)` looks like.

```
.text, #text, p{  
    color:rgb(211, 208, 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(211, 208, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 208, 241) }
```

Border

The CSS property to change the border of an element to XYZ 65.2970, 65.3115, 92.3839 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(211, 208, 241) }
```


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

```
.border{ border-color:rgb(211, 208, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 208, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 208, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 208, 241);  
box-shadow:4px 4px 4px 4px rgb(211, 208,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2970, 65.3115, 92.3839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 208, 241) }
```

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

```
.background{ background-color: rgb(211,  
208, 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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