

Converting Colors

XYZ(65.3770, 60.6665, 91.0932)

Have a look what the booklet for
XYZ(65.3770, 60.6665, 91.0932)
contains.

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Color

**XYZ(65.2932, 60.4640,
91.4485)**

Conversions

Conversions Part 1

Format	Color
Hex	DEC2F1
RGB	222, 194, 241
RGB Percent	87%, 76%, 95%
CMY	0.1294, 0.2392, 0.0549
CMYK	0.08, 0.20, 0.00, 0.05
HSL	276°, 63%, 85%
HSV	276°, 20%, 95%
XYZ	65.2932, 60.4640, 91.4485
YIQ	207.7300, 1.6010, 20.5530

Conversions

Conversions Part 2

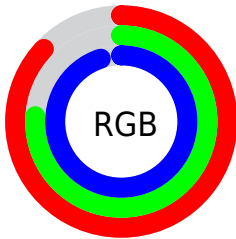
Format	Color
R _Y B	222, 194, 241
Decimal	14598897
CIE Lab	82.09, 18.38, -19.58
CIE LCh	82, 26.852, 313.187
Yxy	60.4640, 0.3006, 0.2784
Android (android.graphics.Color)	4292788977 (0xFFDEC2F1)
YUV	207.7300, 16.4021, 12.5148
Hunter-Lab	77.7586, 13.8073, -15.2974

Details

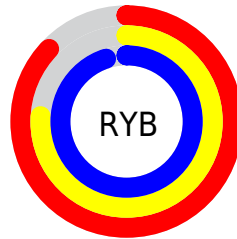
The XYZ color **65.2932, 60.4640, 91.4485** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.6355, 80.9533, 63.0498**, and the grayscale version is **59.6775, 62.7854, 68.3733**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **34.0714, 30.4744, 49.9853** is the 20% darker color. If you saturate the color by 10%, you get **57.4604, 49.1003, 89.6688**, and if you desaturate by 10%, it is **74.1720, 73.6613, 93.5288**.

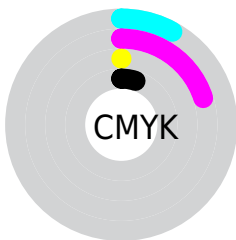
Distribution



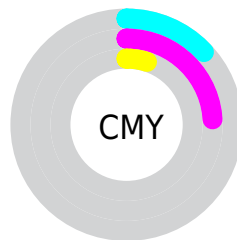
- Red (87%)
- Green (76%)
- Blue (95%)



- Red (87%)
- Yellow (76%)
- Blue (95%)



- Cyan (8%)
- Magenta (20%)
- Yellow (0%)
- Black (5%)



- Cyan (13%)
- Magenta (24%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2932, 60.4640, 91.4485 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 65.2932, 60.4640, 91.4485 by changing the saturation by 10% instead.

65.2932, 60.4640,
91.4485

65.2932, 60.4640,
91.4485

433.3734,
426.3060, 553.4228

47.9644, 43.7927,
68.6022

111.5346,
105.5025, 151.3018

34.0099, 30.5076,
49.9181

141.1781,
134.6385, 189.1460

23.0641, 20.2242,
34.9776

175.6571,
168.6982, 232.8264

14.7618, 12.5581,
23.3622

215.3370,
208.0659, 282.7618

8.7376, 7.1250,
14.6534

260.5833,
253.1262, 339.3705

4.6262, 3.5404,
8.4326

311.7612,

2.0621, 1.4199,

304.2634, 403.0713

4.2812

369.2361,
361.8618, 474.2825

■ 0.6685, 0.2313,
1.7809

■ 0.0000, 0.0000,
0.4153

■ 65.2932, 60.4640,
91.4485

■ 65.2932, 60.4640,
91.4485

■ 57.4604, 49.1003,
89.6688

■ 74.1720, 73.6613,
93.5288

■ 50.6232, 39.4772,
88.1718

■ 84.1329, 88.7640,
95.9189

■ 44.7353, 31.5052,
86.9433

■ 91.5042, 98.4231,
97.3948

■ 39.7439, 25.0835,
85.9669

■ 92.8774, 99.1309,
97.4591

■ 35.5905, 20.0996,
85.2238

■ 32.2087, 16.4257,
84.6929

■ 29.5203, 13.9099,
84.3490

■ 27.4024, 12.3117,
84.1522

■ 27.3045, 12.2418,
84.1438

Harmonies

Analogous

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



60.0034, 60.4640, 101.3297



65.2932, 60.4640, 91.4485



68.6008, 60.4640, 75.3286

Triad

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



65.2932, 60.4640, 91.4485



60.6950, 60.4640, 40.1482



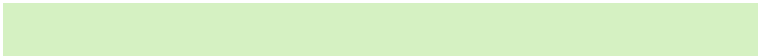
47.4541, 60.4640, 73.2508

Complementary

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



65.2932, 60.4640, 91.4485



68.6355, 80.9533, 63.0498

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.



47.6121, 60.4640, 57.1746



65.2932, 60.4640, 91.4485



55.0074, 60.4640, 39.7799

Square

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



65.2932, 60.4640, 91.4485



65.8282, 60.4640, 46.6215



50.2966, 60.4640, 45.5154



49.8496, 60.4640, 89.7124

Rectangle

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



65.2932, 60.4640, 91.4485



69.1097, 60.4640, 64.1072



50.2966, 60.4640, 45.5154



47.2153, 60.4640, 67.5936

Sweetspot

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



65.2951, 60.4666, 91.4498



88.1228, 89.4694, 107.2325



62.0688, 65.7051, 92.6310



18.7064, 18.9151, 22.9150



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.



65.2951, 60.4666, 91.4498



70.9176, 63.8951, 103.2030



70.8673, 63.4061, 88.6892



15.8003, 15.6943, 19.9181



14.9630, 6.7191, 45.6362



1.3570, 0.6168, 3.8018

Inverse Universe

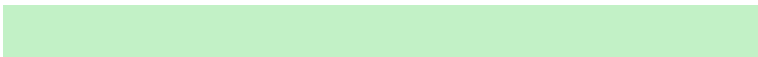
The Inverse Universe completely reimagines the original color for something new.



67.5796, 62.0910, 71.3763



73.9852, 66.0684, 76.6050



63.8890, 78.4548, 65.1544



16.0376, 15.8648, 17.7543



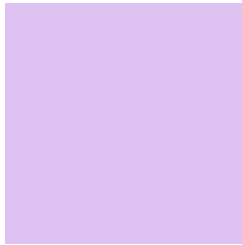
20.9150, 10.6384, 7.4691



1.7879, 0.9042, 0.8742

Previews

White Background



This preview shows how the XYZ color 65.2932, 60.4640, 91.4485 looks on a white background.

Color Contrast Check

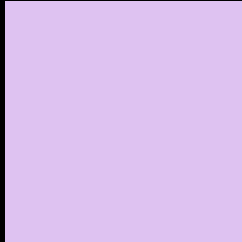
Large Text (above 18pt) WCAG AA × Fail

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 65.2932, 60.4640, 91.4485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

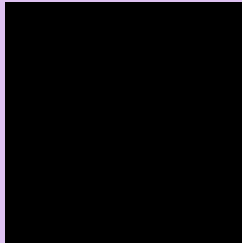
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2932, 60.4640, 91.4485

Background



This preview shows how black text looks on a background with the XYZ color 65.2932, 60.4640, 91.4485.



This preview shows how white text looks on a background with the XYZ color 65.2932, 60.4640,

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

65.2932, 60.4640, 91.4485

Protanopia

60.4147, 60.5586, 96.5005

Deuteranopia

61.8837, 60.4035, 90.8355



Tritanopia

61.4745, 60.6073, 72.0767

Trichromacy



Original Color

65.2932, 60.4640, 91.4485

Protanomaly

62.0817, 60.4186, 94.7761

Deuteranomaly

62.8458, 60.2208, 90.7495

Tritanomaly

62.6342, 60.3744, 78.8733

Monochromacy



Original Color

65.2932, 60.4640, 91.4485

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.7148, 62.0253, 76.4295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2932, 60.4640, 91.4485 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(222, 194, 241)` looks like.

```
.text, #text, p{  
    color:rgb(222, 194, 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(222, 194, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 194, 241) }
```

Border

The CSS property to change the border of an element to XYZ 65.2932, 60.4640, 91.4485 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(222, 194, 241) }
```


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

```
.border{ border-color:rgb(222, 194, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 194, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 194, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 194, 241);  
box-shadow:4px 4px 4px 4px rgb(222, 194,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2932, 60.4640, 91.4485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 194, 241) }
```

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

```
.background{ background-color: rgb(222,  
194, 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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