

Converting Colors

XYZ(40.3941, 25.9610, 73.2675)

Have a look what the booklet for
XYZ(40.3941, 25.9610, 73.2675)
contains.

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Color

**XYZ(40.4221, 25.9076,
73.3912)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C363E0 |
| RGB | 195, 99, 224 |
| RGB Percent | 76%, 39%, 88% |
| CMY | 0.2353, 0.6117, 0.1216 |
| CMYK | 0.13, 0.56, 0.00, 0.12 |
| HSL | 286°, 67%, 63% |
| HSV | 286°, 56%, 88% |
| XYZ | 40.4221, 25.9076, 73.3912 |
| YIQ | 141.9540, 17.0910, 59.2270 |

Conversions

Conversions Part 2

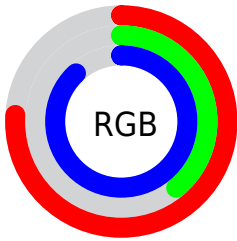
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 195, 99, 224 |
| Decimal | 12805088 |
| CIE _{Lab} | 57.95, 57.26, -47.86 |
| CIE _{LCh} | 58, 74.628, 320.111 |
| Yxy | 25.9076, 0.2893, 0.1854 |
| Android (android.graphics.Color) | 4290995168 (0xFFC363E0) |
| YUV | 141.9540, 40.4487, 46.5213 |
| Hunter-Lab | 50.8995, 52.6825, -49.8597 |

Details

The XYZ color **40.4221, 25.9076, 73.3912** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **37.8106, 58.8019, 21.1625**, and the grayscale version is **25.5344, 26.8642, 29.2551**.

A 20% lighter version of the original color is **70.4787, 51.4020, 100.8147**, and **18.4498, 10.0318, 38.0097** is the 20% darker color. If you saturate the color by 10%, you get **37.2675, 21.5565, 72.7180**, and if you desaturate by 10%, it is **44.2138, 31.4618, 74.2638**.

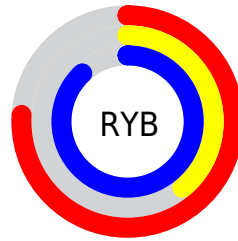
Distribution



Red (76%)

Green (39%)

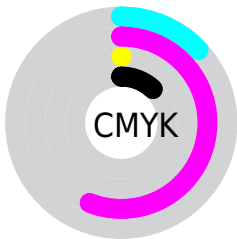
Blue (88%)



Red (76%)

Yellow (39%)

Blue (88%)

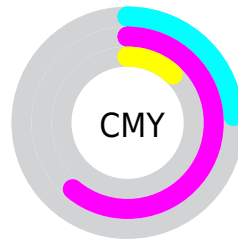


Cyan (13%)

Magenta (56%)

Yellow (0%)

Black (12%)



Cyan (24%)


Magenta (61%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4221, 25.9076, 73.3912 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 40.4221, 25.9076, 73.3912 by changing the saturation by 10% instead.


 40.4221, 25.9076,
73.3912


 40.4221, 25.9076,
73.3912


339.0035,
282.3282, 491.4766


 28.0535, 16.7545,
53.8021


 75.0861, 53.1258,
125.7585


 18.5066, 10.0596,
38.0514


 98.1122, 71.9598,
159.3738

 11.4162, 5.4385,
25.7204


 125.4215, 94.7895,
198.5015

 6.4169, 2.5068,
16.3907

 157.3793,
121.9994, 243.5603

 3.1432, 0.8800,
9.6437

194.3511,
153.9738, 294.9687

 1.2300, 0.0000,
5.0609

236.7022,

 0.1298, 0.0000,

191.0971, 353.1452

2.2237

284.7978,
233.7538, 418.5083

■ 0.0000, 0.0000,
0.6880

■ 0.0000, 0.0000,
0.0000

■ 40.4221, 25.9076,
73.3912

■ 40.4221, 25.9076,
73.3912

■ 37.2675, 21.5565,
72.7180

■ 44.2138, 31.4618,
74.2638

■ 34.6967, 18.3049,
72.2259

■ 48.6843, 38.3045,
75.3490

■ 32.6517, 16.0372,
71.8960

■ 53.8753, 46.5173,
76.6606

■ 31.0603, 14.6094,
71.7043

■ 59.8238, 56.1738,
78.2110

■ 30.4753, 14.1564,
71.6476

■ 66.5643, 67.3424,
80.0115

■ 74.1293, 80.0871,
82.0727

■ 82.2920, 93.9539,
84.3191

■ 83.9981, 94.8334,
84.3989

■ 85.7544, 95.7388,
84.4811

Harmonies

Analogous

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



31.0630, 25.9076, 104.9722



40.4221, 25.9076, 73.3912



45.8954, 25.9076, 37.5997

Triad

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



40.4221, 25.9076, 73.3912



27.7158, 25.9076, 2.1407



11.6921, 25.9076, 48.8985

Complementary

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



40.4221, 25.9076, 73.3912



37.8106, 58.8019, 21.1625

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.



11.2134, 25.9076, 20.5285



40.4221, 25.9076, 73.3912



19.1433, 25.9076, 2.5768

Square

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



40.4221, 25.9076, 73.3912



37.4650, 25.9076, 4.7161



13.5948, 25.9076, 6.8748



15.1146, 25.9076, 85.8405

Rectangle

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



40.4221, 25.9076, 73.3912



45.8778, 25.9076, 20.3759



13.5948, 25.9076, 6.8748



11.2203, 25.9076, 37.8292

Sweetspot

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



40.4231, 25.9087, 73.3918



79.1424, 73.5344, 104.6300



26.3420, 23.5174, 73.6724



16.5821, 15.1554, 22.3013



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.



40.4231, 25.9087, 73.3918



49.3633, 28.0862, 97.4272



44.5703, 28.5188, 52.2545



13.9679, 13.7670, 17.3088



17.8443, 8.2944, 41.7088



1.3133, 0.6143, 2.8946

Inverse Universe

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



39.0993, 26.3304, 23.4444



48.0465, 29.0738, 22.0774



35.9898, 57.6397, 31.1794



13.8369, 13.7524, 14.9111



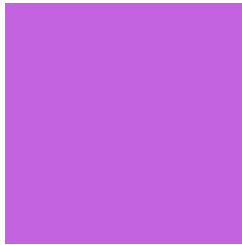
18.2903, 9.3831, 2.9284



1.3021, 0.6641, 0.3835

Previews

White Background



This preview shows how the XYZ color 40.4221, 25.9076, 73.3912 looks on a white background.

Color Contrast Check

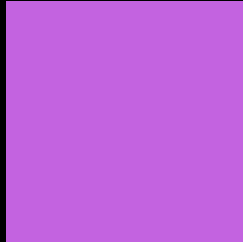
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.4221, 25.9076, 73.3912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

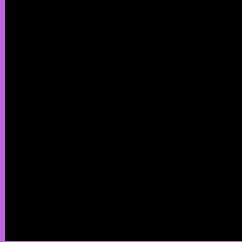
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 40.4221, 25.9076, 73.3912

Background



This preview shows how black text looks on a background with the XYZ color 40.4221, 25.9076, 73.3912.

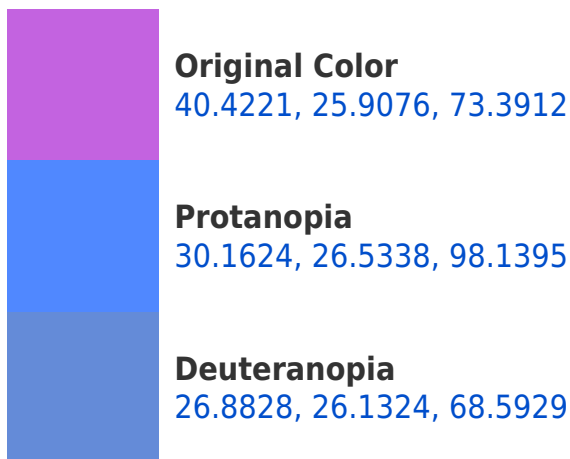


This preview shows how white text looks on a background with the XYZ color 40.4221, 25.9076,

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





Tritanopia

30.5392, 25.7769, 25.1957

Trichromacy



Original Color

40.4221, 25.9076, 73.3912



Protanomaly

31.4381, 24.8351, 88.7246



Deuteranomaly

29.9855, 24.6807, 70.2013



Tritanomaly

33.3024, 25.3160, 38.7286

Monochromacy



Original Color

40.4221, 25.9076, 73.3912



Achromatopsia

25.7108, 27.0498, 29.4572



Achromatomaly

29.6052, 25.4773, 42.3870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4221, 25.9076, 73.3912 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(195, 99, 224)` looks like.

```
.text, #text, p{  
    color:rgb(195, 99, 224)  
}
```

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(195, 99, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 99, 224) }
```

Border

The CSS property to change the border of an element to XYZ 40.4221, 25.9076, 73.3912 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(195, 99, 224) }
```


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

```
.border{ border-color:rgb(195, 99, 224) }
```

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

Here you see how a box with a 4 pixel rgb(195, 99, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 99, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 99, 224);  
box-shadow:4px 4px 4px 4px rgb(195, 99,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4221, 25.9076, 73.3912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 99, 224) }
```

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

```
.background{ background-color: rgb(195, 99,  
224) }
```

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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