

Converting Colors

XYZ(40.4618, 25.5196, 46.6156)

Have a look what the booklet for
XYZ(40.4618, 25.5196, 46.6156)
contains.

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Color

**XYZ(40.4865, 25.5894,
46.5214)**

Conversions

Conversions Part 1

Format	Color
Hex	D85CB5
RGB	216, 92, 181
RGB Percent	85%, 36%, 71%
CMY	0.1529, 0.6392, 0.2902
CMYK	0.00, 0.57, 0.16, 0.15
HSL	317°, 61%, 60%
HSV	317°, 57%, 85%
XYZ	40.4865, 25.5894, 46.5214
YIQ	139.2220, 45.3350, 53.9670

Conversions

Conversions Part 2

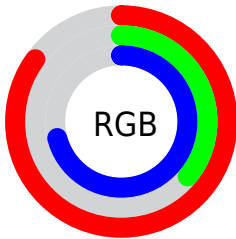
Format	Color
R _{YB}	216, 92, 181
Decimal	14179509
CIE _{Lab}	57.65, 58.77, -23.66
CIE _{LCh}	58, 63.355, 338.070
Yxy	25.5894, 0.3596, 0.2273
Android (android.graphics.Color)	4292369589 (0xFFD85CB5)
YUV	139.2220, 20.5966, 67.3343
Hunter-Lab	50.5860, 54.3371, -19.1159

Details

The XYZ color **40.4865, 25.5894, 46.5214** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **32.8015, 52.9202, 28.5667**, and the grayscale version is **24.5380, 25.8159, 28.1135**.

A 20% lighter version of the original color is **67.1160, 48.5542, 85.9553**, and **18.5133, 9.8606, 21.3496** is the 20% darker color. If you saturate the color by 10%, you get **38.2631, 22.1217, 42.7609**, and if you desaturate by 10%, it is **43.2722, 30.1371, 50.6048**.

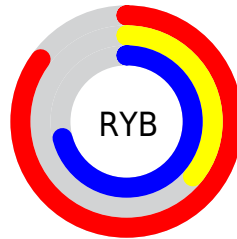
Distribution



Red (85%)

Green (36%)

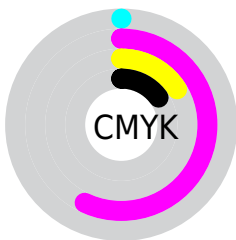
Blue (71%)



Red (85%)

Yellow (36%)

Blue (71%)

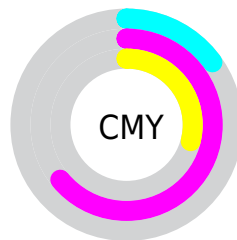


Cyan (0%)

Magenta (57%)

Yellow (16%)

Black (15%)



Cyan (15%)


Magenta (64%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4865, 25.5894, 46.5214 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 40.4865, 25.5894, 46.5214 by changing the saturation by 10% instead.

 40.4865, 25.5894,
46.5214


 40.4865, 25.5894,
46.5214

339.2692,
280.7606, 389.2392


 28.1040, 16.5167,
32.3058


 75.1834, 52.6118,
86.3413


 18.5449, 9.8905,
21.3285


 98.2285, 71.3303,
112.7826

 11.4439, 5.3264,
13.1707


 125.5585, 94.0329,
144.1364

 6.4358, 2.4400,
7.4141

 157.5387,
121.1039, 180.8210

 3.1550, 0.8464,
3.6401

194.5345,
152.9278, 223.2551

 1.2362, 0.0000,
1.4300

236.9113,

 0.1347, 0.0000,

189.8890, 271.8571

0.1650

285.0344,
232.3718, 327.0456

■ 0.0000, 0.0000,
0.0000

■ 40.4865, 25.5894,
46.5214

■ 40.4865, 25.5894,
46.5214

■ 38.2631, 22.1217,
42.7609

■ 43.2722, 30.1371,
50.6048

■ 36.5526, 19.6368,
39.3046

■ 46.6593, 35.8436,
55.0253

■ 35.3006, 18.0263,
36.1328

■ 50.6861, 42.7847,
59.7974

■ 34.4327, 17.1418,
33.2188

■ 55.3870, 51.0285,
64.9343

■ 34.2380, 16.9666,
32.4937

■ 60.7938, 60.6382,
70.4481

■ 66.9364, 71.6731,
76.3503

■ 73.8428, 84.1886,
82.6519

■ 78.3307, 91.8197,
88.2935

■ 79.2011, 92.1678,
92.8770

Harmonies

Analogous

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



34.4523, 25.5894, 75.2824



40.4865, 25.5894, 46.5214



41.7774, 25.5894, 22.4079

Triad

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



40.4865, 25.5894, 46.5214



22.3342, 25.5894, 3.6093



14.5644, 25.5894, 62.3042

Complementary

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



40.4865, 25.5894, 46.5214



32.8015, 52.9202, 28.5667

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.



12.5649, 25.5894, 34.1375



40.4865, 25.5894, 46.5214



16.4019, 25.5894, 6.2373

Square

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



40.4865, 25.5894, 46.5214



30.1761, 25.5894, 4.3181



13.1596, 25.5894, 15.0087



19.2786, 25.5894, 87.2218

Rectangle

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



40.4865, 25.5894, 46.5214



39.5675, 25.5894, 12.4843



13.1596, 25.5894, 15.0087



13.6023, 25.5894, 52.4563

Sweetspot

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



40.4873, 25.5906, 46.5219



80.8380, 74.6289, 94.7511



24.6903, 16.9787, 66.9420



16.9870, 15.4167, 19.9460



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.



40.4873, 25.5906, 46.5219



55.0994, 31.2831, 61.1035



35.5942, 23.6334, 20.7550



12.7966, 12.5701, 14.8690



20.3136, 10.0617, 19.4871



1.2598, 0.6207, 1.3576

Inverse Universe

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



40.4873, 25.5906, 46.5219



55.0994, 31.2831, 61.1035



37.9473, 54.9785, 55.6641



12.7966, 12.5701, 14.8690



20.3136, 10.0617, 19.4871



1.2598, 0.6207, 1.3576

Previews

White Background



This preview shows how the XYZ color 40.4865, 25.5894, 46.5214 looks on a white background.

Color Contrast Check

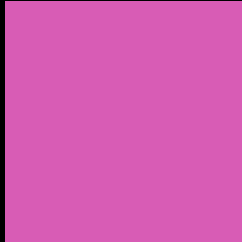
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.4865, 25.5894, 46.5214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

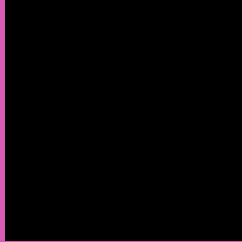
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 40.4865, 25.5894, 46.5214

Background



This preview shows how black text looks on a background with the XYZ color 40.4865, 25.5894, 46.5214.



This preview shows how white text looks on a background with the XYZ color 40.4865, 25.5894,

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

40.4865, 25.5894, 46.5214

Protanopia

27.6292, 25.8812, 68.5051

Deuteranopia

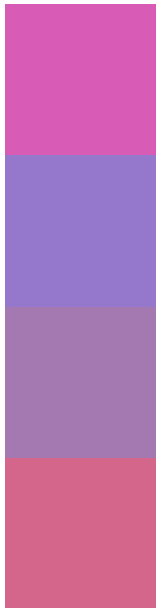
26.2757, 25.7326, 43.6264



Tritanopia

34.7516, 25.5182, 19.3136

Trichromacy



Original Color

40.4865, 25.5894, 46.5214

Protanomaly

29.8904, 24.1343, 59.5829

Deuteranomaly

29.9621, 24.4998, 44.7447

Tritanomaly

36.5629, 25.3639, 27.3947

Monochromacy



Original Color

40.4865, 25.5894, 46.5214

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

28.7286, 24.4677, 33.7804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4865, 25.5894, 46.5214 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(216, 92, 181)` looks like.

```
.text, #text, p{  
    color:rgb(216, 92, 181)  
}
```

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(216, 92, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 92, 181) }
```

Border

The CSS property to change the border of an element to XYZ 40.4865, 25.5894, 46.5214 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(216, 92, 181) }
```


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

```
.border{ border-color:rgb(216, 92, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 92, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 92, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 92, 181);  
box-shadow:4px 4px 4px 4px rgb(216, 92,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4865, 25.5894, 46.5214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 92, 181) }
```

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

```
.background{ background-color: rgb(216, 92,  
181) }
```

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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