

Converting Colors

XYZ(40.1461, 25.8426, 55.3690)

Have a look what the booklet for
XYZ(40.1461, 25.8426, 55.3690)
contains.

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Color

**XYZ(40.2509, 25.9448,
55.1109)**

Conversions

Conversions Part 1

Format	Color
Hex	D061C4
RGB	208, 97, 196
RGB Percent	82%, 38%, 77%
CMY	0.1843, 0.6196, 0.2314
CMYK	0.00, 0.53, 0.06, 0.18
HSL	306°, 54%, 60%
HSV	306°, 53%, 82%
XYZ	40.2509, 25.9448, 55.1109
YIQ	141.4750, 34.3770, 54.3210

Conversions

Conversions Part 2

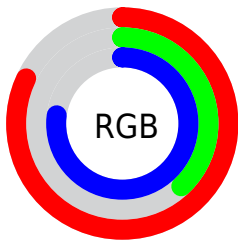
Format	Color
RYB	208, 97, 196
Decimal	13656516
CIELab	57.98, 56.58, -31.83
CIELCh	58, 64.915, 330.639
Yxy	25.9448, 0.3318, 0.2139
Android (android.graphics.Color)	4291846596 (0xFFD061C4)
YUV	141.4750, 26.8808, 58.3424
Hunter-Lab	50.9360, 51.9170, -28.4943

Details

The XYZ color **40.2509, 25.9448, 55.1109** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **30.2471, 48.7582, 22.2868**, and the grayscale version is **25.3930, 26.7155, 29.0931**.

A 20% lighter version of the original color is **70.1979, 50.8083, 99.0357**, and **18.4379, 10.1182, 26.5724** is the 20% darker color. If you saturate the color by 10%, you get **38.3211, 22.4912, 53.2143**, and if you desaturate by 10%, it is **42.6901, 30.4099, 57.1967**.

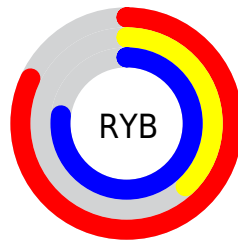
Distribution



Red (82%)

Green (38%)

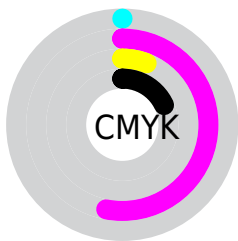
Blue (77%)



Red (82%)

Yellow (38%)

Blue (77%)

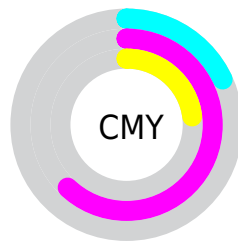


Cyan (0%)

Magenta (53%)

Yellow (6%)

Black (18%)



Cyan (18%)

Magenta (62%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.2509, 25.9448, 55.1109 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 40.2509, 25.9448, 55.1109 by changing the saturation by 10% instead.


 40.2509, 25.9448,
55.1109


 40.2509, 25.9448,
55.1109

338.2963,
282.5110, 423.6260


 27.9193, 16.7823,
39.0913

 74.8273, 53.1859,
99.1762


 18.4050, 10.0794,
26.5224


 97.8029, 72.0333,
128.0590

 11.3426, 5.4517,
16.9856


 125.0571, 94.8778,
162.0666

 6.3667, 2.5146,
10.0624

 156.9554,
122.1039, 201.6176

 3.1121, 0.8839,
5.3342

193.8631,
154.0958, 247.1305

 1.2133, 0.0000,
2.3825

236.1456,

 0.1168, 0.0000,

191.2381, 299.0238

0.7769

284.1682,
233.9150, 357.7161

■ 0.0000, 0.0000,
0.0000

■ 40.2509, 25.9448,
55.1109

■ 40.2509, 25.9448,
55.1109

■ 38.3211, 22.4912,
53.2143

■ 42.6901, 30.4099,
57.1967

■ 36.8577, 19.9649,
51.4918

■ 45.6720, 35.9548,
59.4821

■ 35.8151, 18.2742,
49.9284

■ 49.2301, 42.6459,
61.9788

■ 35.1373, 17.3070,
48.5052

■ 53.3945, 50.5433,
64.6967

■ 34.8239, 16.9345,
47.6164

■ 58.1932, 59.7031,
67.6452

■ 63.6524, 70.1776,
70.8333

■ 69.7968, 82.0163,
74.2692

■ 73.9092, 89.7846,
77.0473

■ 74.1985, 89.9003,
78.5705

Harmonies

Analogous

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



33.1581, 25.9448, 83.9761



40.2509, 25.9448, 55.1109



42.9911, 25.9448, 27.7710

Triad

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



40.2509, 25.9448, 55.1109



24.4921, 25.9448, 3.3466



13.8397, 25.9448, 56.4225

Complementary

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



40.2509, 25.9448, 55.1109



30.2471, 48.7582, 22.2868

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.



12.4586, 25.9448, 28.7334



40.2509, 25.9448, 55.1109



17.7537, 25.9448, 5.0183

Square

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



40.2509, 25.9448, 55.1109



32.8049, 25.9448, 4.8677



13.7257, 25.9448, 11.9408



17.9885, 25.9448, 84.9749

Rectangle

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



40.2509, 25.9448, 55.1109



41.6076, 25.9448, 15.6112



13.7257, 25.9448, 11.9408



13.0812, 25.9448, 46.3416

Sweetspot

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



40.2518, 25.9460, 55.1114



82.6850, 76.3936, 101.3148



21.8576, 16.2993, 61.6692



17.3988, 15.7834, 21.4916



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.



40.2518, 25.9460, 55.1114



60.3879, 35.0149, 83.9689



35.1257, 23.8956, 28.1181



12.2534, 11.9861, 14.6104



21.7258, 10.5632, 29.7918



1.2309, 0.5971, 1.7507

Inverse Universe

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



40.2518, 25.9460, 55.1114



60.3879, 35.0149, 83.9689



34.1515, 50.3200, 42.8469



12.2534, 11.9861, 14.6104



21.7258, 10.5632, 29.7918



1.2309, 0.5971, 1.7507

Previews

White Background



This preview shows how the XYZ color 40.2509, 25.9448, 55.1109 looks on a white background.

Color Contrast Check

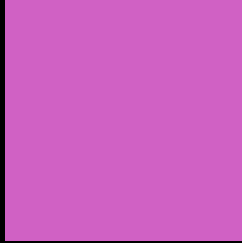
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.2509, 25.9448, 55.1109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

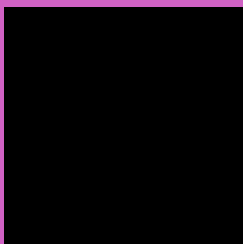
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 40.2509, 25.9448, 55.1109

Background



This preview shows how black text looks on a background with the XYZ color 40.2509, 25.9448, 55.1109.

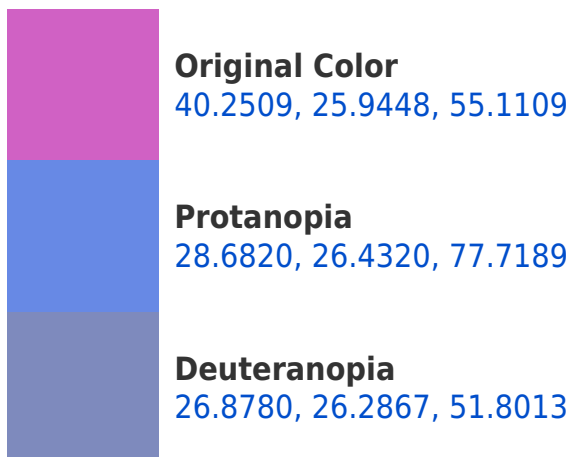


This preview shows how white text looks on a background with the XYZ color 40.2509, 25.9448,

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

33.5253, 25.9709, 21.9848

Trichromacy



Original Color

40.2509, 25.9448, 55.1109

Protanomaly

30.4684, 24.5915, 68.7864

Deuteranomaly

30.3077, 25.0396, 53.1049

Tritanomaly

35.4962, 25.6236, 31.9292

Monochromacy



Original Color

40.2509, 25.9448, 55.1109

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

29.2837, 25.2398, 37.0466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.2509, 25.9448, 55.1109 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(208, 97, 196)` looks like.

```
.text, #text, p{  
    color:rgb(208, 97, 196)  
}
```

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(208, 97, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 97, 196) }
```

Border

The CSS property to change the border of an element to XYZ 40.2509, 25.9448, 55.1109 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(208, 97, 196) }
```


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

```
.border{ border-color:rgb(208, 97, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 97, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 97, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 97, 196);  
box-shadow:4px 4px 4px 4px rgb(208, 97,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 40.2509, 25.9448, 55.1109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 97, 196) }
```

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

```
.background{ background-color: rgb(208, 97,  
196) }
```

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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