

Converting Colors

XYZ(35.4840, 25.9482, 41.6798)

Have a look what the booklet for
XYZ(35.4840, 25.9482, 41.6798)
contains.

XYZ(35.5408, 25.9113, 41.6562)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.5408, 25.9113,
41.6562)**

Conversions

Conversions Part 1

Format	Color
Hex	C36FAB
RGB	195, 111, 171
RGB Percent	76%, 44%, 67%
CMY	0.2353, 0.5647, 0.3294
CMYK	0.00, 0.43, 0.12, 0.24
HSL	317°, 41%, 60%
HSV	317°, 43%, 76%
XYZ	35.5408, 25.9113, 41.6562
YIQ	142.9560, 30.8040, 36.4680

Conversions

Conversions Part 2

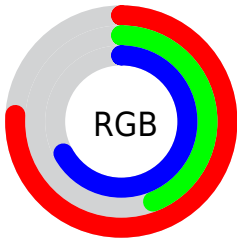
Format	Color
RYB	195, 111, 171
Decimal	12808107
CIELab	57.95, 41.46, -17.69
CIELCh	58, 45.071, 336.897
Yxy	25.9113, 0.3447, 0.2513
Android (android.graphics.Color)	4290998187 (0xFFC36FAB)
YUV	142.9560, 13.8257, 45.6426
Hunter-Lab	50.9031, 35.5490, -12.8873

Details

The XYZ color **35.5408, 25.9113, 41.6562** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **30.4450, 44.1598, 29.8427**, and the grayscale version is **26.0297, 27.3852, 29.8225**.

A 20% lighter version of the original color is **67.6906, 53.2839, 78.6686**, and **15.5931, 10.0526, 18.5713** is the 20% darker color. If you saturate the color by 10%, you get **33.1209, 21.9033, 38.2844**, and if you desaturate by 10%, it is **38.4491, 30.8595, 45.3018**.

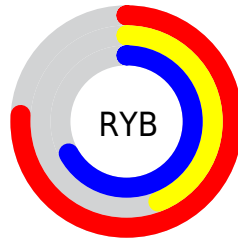
Distribution



Red (76%)

Green (44%)

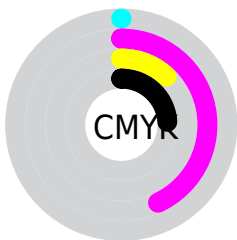
Blue (67%)



Red (76%)

Yellow (44%)

Blue (67%)

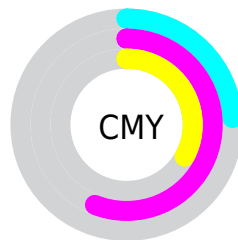


Cyan (0%)

Magenta (43%)

Yellow (12%)

Black (24%)



Cyan (24%)


Magenta (56%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.5408, 25.9113, 41.6562 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 35.5408, 25.9113, 41.6562 by changing the saturation by 10% instead.


 35.5408, 25.9113,
41.6562


 35.5408, 25.9113,
41.6562


318.4154,
282.3464, 368.8133

 24.2482, 16.7573,
28.5086


 67.6512, 53.1318,
78.9435


 15.6436, 10.0616,
18.4670


 89.1998, 71.9671,
103.9203

 9.3615, 5.4398,
11.1129


 114.8977, 94.7983,
133.6773

 5.0367, 2.5076,
6.0277

 145.1104,
122.0098, 168.6329

 2.3038, 0.8804,
2.7929

180.2031,
153.9859, 209.2058

 0.7966, 0.0000,
0.9899

220.5413,

 0.0000, 0.0000,

191.1111, 255.8145

0.0000

266.4902,
233.7698, 308.8775

■ 35.5408, 25.9113,
41.6562

■ 35.5408, 25.9113,
41.6562

■ 33.1209, 21.9033,
38.2844

■ 38.4491, 30.8595,
45.3018

■ 31.1562, 18.7706,
35.1731

■ 41.8715, 36.8000,
49.2303

■ 29.6130, 16.4461,
32.3102

■ 45.8345, 43.7851,
53.4522

■ 28.4518, 14.8510,
29.6809

■ 50.3624, 51.8629,
57.9766

■ 27.6250, 13.8906,
27.2681

■ 55.4777, 61.0779,
62.8125

■ 27.1868, 13.4746,
25.7026

■ 61.2017, 71.4724,
67.9682

■ 67.5547, 83.0867,
73.4516

■ 70.6056, 88.0581,
77.9535

■ 71.3365, 88.3505,
81.8026

Harmonies

Analogous

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



31.4475, 25.9113, 59.5407



35.5408, 25.9113, 41.6562



36.5231, 25.9113, 24.7704

Triad

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



35.5408, 25.9113, 41.6562



23.3945, 25.9113, 7.7148



17.1825, 25.9113, 50.2576

Complementary

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



35.5408, 25.9113, 41.6562



30.4450, 44.1598, 29.8427

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.



15.6444, 25.9113, 31.9606



35.5408, 25.9113, 41.6562



18.8732, 25.9113, 10.4129

Square

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



35.5408, 25.9113, 41.6562



28.9587, 25.9113, 8.6714



16.2144, 25.9113, 18.0264



20.7520, 25.9113, 65.6499

Rectangle

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



35.5408, 25.9113, 41.6562



35.1688, 25.9113, 16.7270



16.2144, 25.9113, 18.0264



16.4367, 25.9113, 44.0279

Sweetspot

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



35.5416, 25.9125, 41.6567



81.9933, 78.2482, 95.6335



25.4956, 20.4448, 54.2327



17.5877, 16.4838, 20.5604



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.



35.5416, 25.9125, 41.6567



59.4250, 39.4004, 68.7232



32.1669, 24.5626, 23.8858



10.3706, 10.1969, 12.0422



17.7075, 8.7727, 16.9035



0.7936, 0.3904, 0.8802

Inverse Universe

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



35.5416, 25.9125, 41.6567



59.4250, 39.4004, 68.7232



33.9875, 45.5768, 48.4973



10.3706, 10.1969, 12.0422



17.7075, 8.7727, 16.9035



0.7936, 0.3904, 0.8802

Previews

White Background



This preview shows how the XYZ color 35.5408, 25.9113, 41.6562 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 35.5408, 25.9113, 41.6562 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 35.5408, 25.9113, 41.6562

Background



This preview shows how black text looks on a background with the XYZ color 35.5408, 25.9113, 41.6562.



This preview shows how white text looks on a background with the XYZ color 35.5408, 25.9113,

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

35.5408, 25.9113, 41.6562

Protanopia

26.6949, 26.1797, 52.3614

Deuteranopia

26.5944, 25.9738, 40.1710



Tritanopia

31.9141, 25.9651, 24.0986

Trichromacy



Original Color

35.5408, 25.9113, 41.6562



Protanomaly

28.8441, 25.3413, 48.1709



Deuteranomaly

29.1545, 25.4795, 40.4272



Tritanomaly

33.1336, 25.9427, 29.6467

Monochromacy



Original Color

35.5408, 25.9113, 41.6562



Achromatopsia

26.1081, 27.4677, 29.9124



Achromatomaly

28.7664, 26.2139, 33.6806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5408, 25.9113, 41.6562 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, 111, 171)` looks like.

```
.text, #text, p{  
    color:rgb(195, 111, 171)  
}
```

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, 111, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 111, 171) }
```

Border

The CSS property to change the border of an element to XYZ 35.5408, 25.9113, 41.6562 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, 111, 171) }
```


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

```
.border{ border-color:rgb(195, 111, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 111, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 111, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 111, 171);  
box-shadow:4px 4px 4px 4px rgb(195, 111,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5408, 25.9113, 41.6562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 111, 171) }
```

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

```
.background{ background-color: rgb(195,  
111, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor