

Converting Colors

XYZ(34.4875, 25.3687, 39.4300)

Have a look what the booklet for
XYZ(34.4875, 25.3687, 39.4300)
contains.

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Color

**XYZ(34.6518, 25.4964,
39.6542)**

Conversions

Conversions Part 1

Format	Color
Hex	C16FA7
RGB	193, 111, 167
RGB Percent	76%, 44%, 65%
CMY	0.2431, 0.5647, 0.3451
CMYK	0.00, 0.42, 0.13, 0.24
HSL	319°, 40%, 60%
HSV	319°, 42%, 76%
XYZ	34.6518, 25.4964, 39.6542
YIQ	141.9020, 30.8960, 34.8000

Conversions

Conversions Part 2

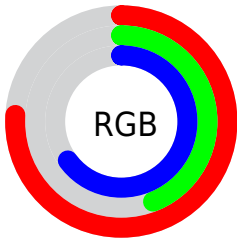
Format	Color
R_{YB}	193, 111, 167
Decimal	12677031
CIE _{Lab}	57.56, 40.14, -16.01
CIE _{LCh}	58, 43.212, 338.260
Yxy	25.4964, 0.3472, 0.2555
Android (android.graphics.Color)	4290867111 (0xFFC16FA7)
YUV	141.9020, 12.3733, 44.8129
Hunter-Lab	50.4940, 34.1323, -11.2162

Details

The XYZ color **34.6518, 25.4964, 39.6542** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **30.1420, 43.3263, 30.4429**, and the grayscale version is **25.6173, 26.9514, 29.3501**.

A 20% lighter version of the original color is **66.2439, 52.3341, 75.7173**, and **15.1916, 9.8728, 17.3246** is the 20% darker color. If you saturate the color by 10%, you get **32.2166, 21.5098, 36.1170**, and if you desaturate by 10%, it is **37.5703, 30.4059, 43.4851**.

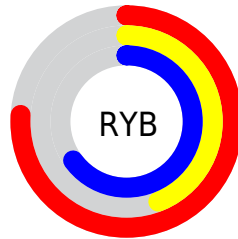
Distribution



Red (76%)

Green (44%)

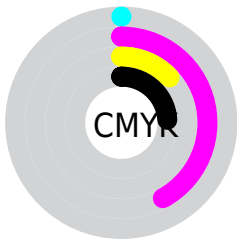
Blue (65%)



Red (76%)

Yellow (44%)

Blue (65%)

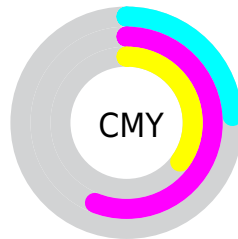


Cyan (0%)

Magenta (42%)

Yellow (13%)

Black (24%)



Cyan (24%)


Magenta (56%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6518, 25.4964, 39.6542 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 34.6518, 25.4964, 39.6542 by changing the saturation by 10% instead.


 34.6518, 25.4964,
39.6542

 34.6518, 25.4964,
39.6542


314.5637,
280.3011, 360.1726

 23.5600, 16.4473,
26.9573


 66.2836, 52.4614,
75.8680


 15.1305, 9.8412,
17.3090


 87.5543, 71.1460,
100.2219

 8.9980, 5.2938,
10.2908


 112.9487, 93.8113,
129.2986

 4.7970, 2.4207,
5.4840

 142.8322,
120.8417, 163.5167

 2.1622, 0.8365,
2.4703

177.5701,
152.6214, 203.2945

 0.7227, 0.0000,
0.8244

217.5277,

 0.0000, 0.0000,

189.5350, 249.0508

0.0000

263.0705,
231.9667, 301.2039

■ 34.6518, 25.4964,
39.6542

■ 34.6518, 25.4964,
39.6542

■ 32.2166, 21.5098,
36.1170

■ 37.5703, 30.4059,
43.4851

■ 30.2324, 18.3833,
32.8602

■ 40.9969, 36.2889,
47.6191

■ 28.6666, 16.0518,
29.8713

■ 44.9579, 43.1963,
52.0668

■ 27.4807, 14.4392,
27.1356

■ 49.4765, 51.1746,
56.8376

■ 26.6289, 13.4544,
24.6359

■ 54.5749, 60.2673,
61.9408

■ 26.1438, 12.9981,
22.8899

■ 60.2739, 70.5156,
67.3847

■ 66.5932, 81.9585,
73.1777

■ 70.1419, 87.8133,
78.1910

■ 70.9479, 88.1357,
82.4354

Harmonies

Analogous

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



30.9017, 25.4964, 56.5364



34.6518, 25.4964, 39.6542



35.4214, 25.4964, 23.8805

Triad

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



34.6518, 25.4964, 39.6542



22.8377, 25.4964, 8.0834



17.2562, 25.4964, 49.3021

Complementary

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



34.6518, 25.4964, 39.6542



30.1420, 43.3263, 30.4429

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.



15.6909, 25.4964, 32.0412



34.6518, 25.4964, 39.6542



18.6011, 25.4964, 10.9089

Square

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



34.6518, 25.4964, 39.6542



28.0920, 25.4964, 8.8646



16.1457, 25.4964, 18.5213



20.7457, 25.4964, 63.3432

Rectangle

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



34.6518, 25.4964, 39.6542



34.0507, 25.4964, 16.3762



16.1457, 25.4964, 18.5213



16.5118, 25.4964, 43.4816

Sweetspot

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



34.6526, 25.4976, 39.6547



79.9766, 76.4119, 92.6596



25.6224, 20.5362, 53.0658



16.8039, 15.7734, 19.4894



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.6526, 25.4976, 39.6547



57.9726, 38.9632, 65.1036



31.4458, 24.2149, 22.7680



10.3570, 10.1914, 11.9704



17.4262, 8.6602, 15.4223



0.7831, 0.3862, 0.8250

Inverse Universe

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



34.6526, 25.4976, 39.6547



57.9726, 38.9632, 65.1036



33.6590, 44.7331, 48.9630



10.3570, 10.1914, 11.9704



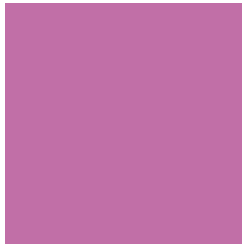
17.4262, 8.6602, 15.4223



0.7831, 0.3862, 0.8250

Previews

White Background



This preview shows how the XYZ color 34.6518, 25.4964, 39.6542 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 34.6518, 25.4964, 39.6542 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 34.6518, 25.4964, 39.6542

Background



This preview shows how black text looks on a background with the XYZ color 34.6518, 25.4964, 39.6542.



This preview shows how white text looks on a background with the XYZ color 34.6518, 25.4964,

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

34.6518, 25.4964, 39.6542

Protanopia

26.1601, 25.7541, 49.4912

Deuteranopia

26.0900, 25.5477, 38.2064



Tritanopia

31.4794, 25.5710, 23.6986

Trichromacy



Original Color

34.6518, 25.4964, 39.6542

Protanomaly

28.3327, 25.1367, 45.4781

Deuteranomaly

28.4598, 24.9730, 38.4422

Tritanomaly

32.3631, 25.3909, 28.7864

Monochromacy



Original Color

34.6518, 25.4964, 39.6542

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

28.4002, 26.0440, 32.8083

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6518, 25.4964, 39.6542 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(193, 111, 167)` looks like.

```
.text, #text, p{  
    color:rgb(193, 111, 167)  
}
```

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(193, 111, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 111, 167) }
```

Border

The CSS property to change the border of an element to XYZ 34.6518, 25.4964, 39.6542 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(193, 111, 167) }
```


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

```
.border{ border-color:rgb(193, 111, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 111, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 111, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 111, 167);  
box-shadow:4px 4px 4px 4px rgb(193, 111,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6518, 25.4964, 39.6542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 111, 167) }
```

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

```
.background{ background-color: rgb(193,  
111, 167) }
```

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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