

Converting Colors

XYZ(37.3129, 24.3992, 54.7997)

Have a look what the booklet for
XYZ(37.3129, 24.3992, 54.7997)
contains.

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Color

**XYZ(37.2645, 24.4052,
54.9712)**

Conversions

Conversions Part 1

Format	Color
Hex	C561C4
RGB	197, 97, 196
RGB Percent	77%, 38%, 77%
CMY	0.2274, 0.6196, 0.2314
CMYK	0.00, 0.51, 0.01, 0.23
HSL	301°, 46%, 58%
HSV	301°, 51%, 77%
XYZ	37.2645, 24.4052, 54.9712
YIQ	138.1860, 27.8210, 51.9890

Conversions

Conversions Part 2

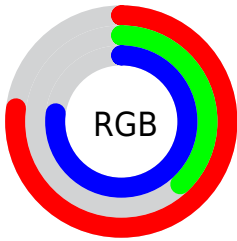
Format	Color
R _Y B	197, 97, 196
Decimal	12935620
CIE Lab	56.49, 53.49, -34.27
CIE LCh	56, 63.524, 327.353
Yxy	24.4052, 0.3195, 0.2092
Android (android.graphics.Color)	4291125700 (0xFFC561C4)
YUV	138.1860, 28.5023, 51.5799
Hunter-Lab	49.4016, 48.1928, -31.3933

Details

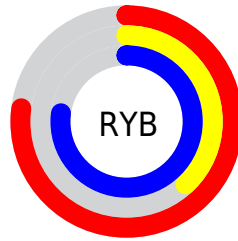
The XYZ color **37.2645, 24.4052, 54.9712** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **27.1017, 43.3568, 18.4969**, and the grayscale version is **24.1164, 25.3724, 27.6305**.

A 20% lighter version of the original color is **70.0362, 50.4851, 98.9818**, and **16.6950, 9.2716, 26.5009** is the 20% darker color. If you saturate the color by 10%, you get **35.6430, 21.1975, 54.3203**, and if you desaturate by 10%, it is **39.3396, 28.5189, 55.7740**.

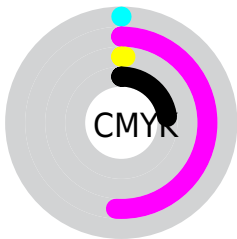
Distribution



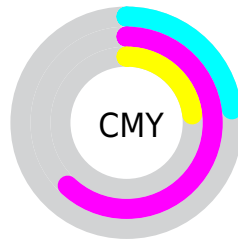
- Red (77%)
- Green (38%)
- Blue (77%)



- Red (77%)
- Yellow (38%)
- Blue (77%)



- Cyan (0%)
- Magenta (51%)
- Yellow (1%)
- Black (23%)





- Cyan (23%)
- Magenta (62%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.2645, 24.4052, 54.9712 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 37.2645, 24.4052, 54.9712 by changing the saturation by 10% instead.

 37.2645, 24.4052,
54.9712


 37.2645, 24.4052,
54.9712


325.7899,
274.8627, 423.0816

 25.5870, 15.6345,
38.9802


 70.2906, 50.6906,
98.9695

 16.6460, 9.2659,
26.4366


 92.3699, 68.9741,
127.8139

 10.0761, 4.9150,
16.9219


 118.6471, 91.1973,
161.7798

 5.5121, 2.1975,
10.0174

 149.4876,
117.7446, 201.2858

 2.5886, 0.7186,
5.3048

185.2568,
149.0004, 246.7505

 0.9401, 0.0000,
2.3653

226.3200,

 0.0000, 0.0000,

185.3491, 298.5923

0.7675

273.0426,
227.1750, 357.2298

■ 0.0000, 0.0000,
0.0000

■ 37.2645, 24.4052,
54.9712

■ 37.2645, 24.4052,
54.9712

■ 35.6430, 21.1975,
54.3203

■ 39.3396, 28.5189,
55.7740

■ 34.4386, 18.8245,
53.8082

■ 41.8965, 33.5966,
56.7372

■ 33.6131, 17.2093,
53.4227

■ 44.9638, 39.6952,
57.8708

■ 33.1203, 16.2595,
53.1482

■ 48.5674, 46.8664,
59.1832

■ 32.8800, 15.8120,
52.9664

■ 52.7314, 55.1582,
60.6826

■ 57.4783, 64.6157,
62.3764

■ 62.8294, 75.2818,
64.2719

■ 68.8052, 87.1970,
66.3756

■ 68.9535, 87.4574,
66.5370

Harmonies

Analogous

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



30.3231, 24.4052, 81.2507



37.2645, 24.4052, 54.9712



40.3933, 24.4052, 28.4882

Triad

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



37.2645, 24.4052, 54.9712



23.8558, 24.4052, 3.1703



12.7631, 24.4052, 49.8763

Complementary

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



37.2645, 24.4052, 54.9712



27.1017, 43.3568, 18.4969

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.



11.7397, 24.4052, 24.7458



37.2645, 24.4052, 54.9712



17.2842, 24.4052, 4.3868

Square

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



37.2645, 24.4052, 54.9712



31.6960, 24.4052, 4.9742



13.2068, 24.4052, 10.1608



16.3708, 24.4052, 77.3729

Rectangle

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



37.2645, 24.4052, 54.9712



39.4899, 24.4052, 16.2275



13.2068, 24.4052, 10.1608



12.1436, 24.4052, 40.5828

Sweetspot

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



37.2654, 24.4063, 54.9717



83.9769, 77.9523, 104.9052



19.2836, 15.1231, 54.7270



17.6813, 16.1016, 22.3472



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.



37.2654, 24.4063, 54.9717



63.5449, 37.3893, 97.1666



32.5682, 22.5274, 30.2367



11.0784, 10.8147, 13.3960



21.6283, 10.4009, 34.8483



1.0256, 0.4931, 1.6580

Inverse Universe

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



37.2654, 24.4063, 54.9717



63.5449, 37.3893, 97.1666



30.1635, 44.5815, 34.6203



11.0784, 10.8147, 13.3960



21.6283, 10.4009, 34.8483



1.0256, 0.4931, 1.6580

Previews

White Background



This preview shows how the XYZ color 37.2645, 24.4052, 54.9712 looks on a white background.

Color Contrast Check

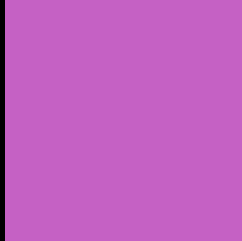
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.2645, 24.4052, 54.9712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

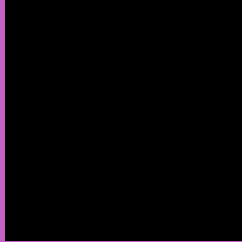
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.2645, 24.4052, 54.9712

Background



This preview shows how black text looks on a background with the XYZ color 37.2645, 24.4052, 54.9712.

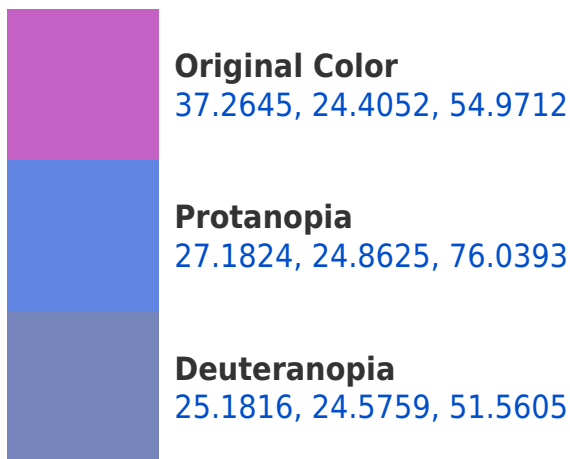


This preview shows how white text looks on a background with the XYZ color 37.2645, 24.4052,

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

30.4449, 24.3829, 21.8406

Trichromacy



Original Color

37.2645, 24.4052, 54.9712



Protanomaly

28.7840, 23.3774, 67.9609



Deuteranomaly

28.3844, 23.6836, 52.9445



Tritanomaly

32.3534, 24.0035, 31.7821

Monochromacy



Original Color

37.2645, 24.4052, 54.9712



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

27.6390, 24.0400, 35.9843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2645, 24.4052, 54.9712 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(197, 97, 196)` looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 97, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 97, 196) }
```

Border

The CSS property to change the border of an element to XYZ 37.2645, 24.4052, 54.9712 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(197, 97, 196) }
```


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

```
.border{ border-color:rgb(197, 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(197, 97, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 97, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 97, 196);  
box-shadow:4px 4px 4px 4px rgb(197, 97,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2645, 24.4052, 54.9712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 97, 196) }
```

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

```
.background{ background-color: rgb(197, 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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