

Converting Colors

XYZ(37.5254, 24.9395, 52.5835)

Have a look what the booklet for
XYZ(37.5254, 24.9395, 52.5835)
contains.

XYZ(37.5295, 24.8716, 52.6918)	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(37.5295, 24.8716,
52.6918)**

Conversions

Conversions Part 1

Format	Color
Hex	C763C0
RGB	199, 99, 192
RGB Percent	78%, 39%, 75%
CMY	0.2196, 0.6117, 0.2471
CMYK	0.00, 0.50, 0.04, 0.22
HSL	304°, 47%, 58%
HSV	304°, 50%, 78%
XYZ	37.5295, 24.8716, 52.6918
YIQ	139.5020, 29.7470, 50.1230

Conversions

Conversions Part 2

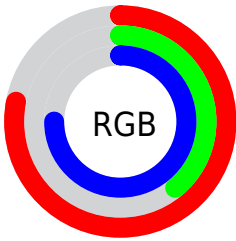
Format	Color
RYB	199, 99, 192
Decimal	13067200
CIELab	56.95, 52.38, -31.24
CIELCh	57, 60.987, 329.182
Yxy	24.8716, 0.3261, 0.2161
Android (android.graphics.Color)	4291257280 (0xFFC763C0)
YUV	139.5020, 25.8815, 52.1797
Hunter-Lab	49.8714, 47.0507, -27.7330

Details

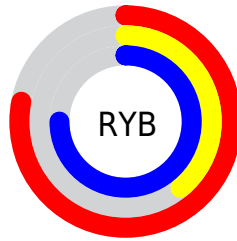
The XYZ color **37.5295, 24.8716, 52.6918** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **28.1717, 44.5411, 20.7498**, and the grayscale version is **24.6302, 25.9129, 28.2192**.

A 20% lighter version of the original color is **69.7301, 50.8820, 95.7686**, and **16.8535, 9.5514, 25.0001** is the 20% darker color. If you saturate the color by 10%, you get **35.7179, 21.4937, 51.3301**, and if you desaturate by 10%, it is **39.8087, 29.1812, 54.2171**.

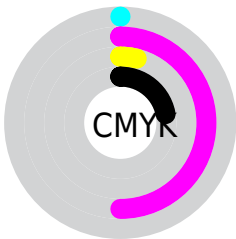
Distribution



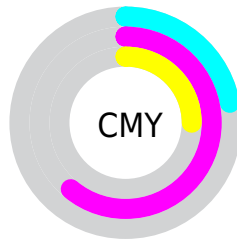
- Red (78%)
- Green (39%)
- Blue (75%)



- Red (78%)
- Yellow (39%)
- Blue (75%)



- Cyan (0%)
- Magenta (50%)
- Yellow (4%)
- Black (22%)





- Cyan (22%)
- Magenta (61%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.5295, 24.8716, 52.6918 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 37.5295, 24.8716, 52.6918 by changing the saturation by 10% instead.

 37.5295, 24.8716,
52.6918


 37.5295, 24.8716,
52.6918


326.9132,
277.1979, 414.1343


 25.7933, 15.9814,
37.1708


 70.6950, 51.4488,
95.5876


 16.8009, 9.5110,
25.0429


 92.8549, 69.9047,
123.7995

 10.1871, 5.0760,
15.8897


 119.2202, 92.3179,
157.0788

 5.5864, 2.2919,
9.2926

 150.1561,
119.0728, 195.8439

 2.6335, 0.7694,
4.8331

186.0280,
150.5539, 240.5135

 0.9631, 0.0000,
2.0927

227.2012,

 0.0000, 0.0000,

187.1455, 291.5060

0.6114

274.0412,
229.2320, 349.2401

■ 0.0000, 0.0000,
0.0000

■ 37.5295, 24.8716,
52.6918

■ 37.5295, 24.8716,
52.6918

■ 35.7179, 21.4937,
51.3301

■ 39.8087, 29.1812,
54.2171

■ 34.3366, 18.9747,
50.1188

■ 42.5842, 34.4817,
55.9148

■ 33.3469, 17.2365,
49.0451

■ 45.8854, 40.8311,
57.7949

■ 32.7018, 16.1852,
48.0935

■ 49.7386, 48.2822,
59.8663

■ 32.3178, 15.6480,
47.2542

■ 54.1684, 56.8840,
62.1373

■ 59.1978, 66.6828,
64.6154

■ 64.8487, 77.7223,
67.3080

■ 70.1105, 87.9811,
69.8782

■ 70.2775, 88.0479,
70.7575

Harmonies

Analogous

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



31.0007, 24.8716, 78.0900



37.5295, 24.8716, 52.6918



40.2333, 24.8716, 27.6475

Triad

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



37.5295, 24.8716, 52.6918



23.8367, 24.8716, 3.7025



13.5492, 24.8716, 51.1876

Complementary

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



37.5295, 24.8716, 52.6918



28.1717, 44.5411, 20.7498

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.



12.3809, 24.8716, 26.5222



37.5295, 24.8716, 52.6918



17.5472, 24.8716, 5.1929

Square

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



37.5295, 24.8716, 52.6918



31.4102, 24.8716, 5.3822



13.6852, 24.8716, 11.4973



17.2697, 24.8716, 76.9557

Rectangle

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



37.5295, 24.8716, 52.6918



39.1564, 24.8716, 16.0901



13.6852, 24.8716, 11.4973



12.8828, 24.8716, 42.1960

Sweetspot

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



37.5303, 24.8727, 52.6923



83.6102, 77.8056, 102.9745



20.6762, 16.0923, 56.0500



17.5919, 16.0658, 21.8764



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.



37.5303, 24.8727, 52.6923



62.3643, 37.3119, 89.7326



32.9237, 23.0301, 28.4339



11.0498, 10.8033, 13.2456



20.7943, 10.0673, 30.4561



0.9945, 0.4806, 1.4940

Inverse Universe

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



37.5303, 24.8727, 52.6923



62.3643, 37.3119, 89.7326



31.5427, 45.8895, 38.5011



11.0498, 10.8033, 13.2456



20.7943, 10.0673, 30.4561



0.9945, 0.4806, 1.4940

Previews

White Background



This preview shows how the XYZ color 37.5295, 24.8716, 52.6918 looks on a white background.

Color Contrast Check

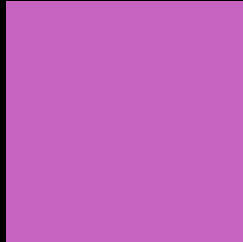
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.5295, 24.8716, 52.6918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

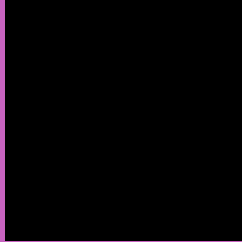
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.5295, 24.8716, 52.6918

Background



This preview shows how black text looks on a background with the XYZ color 37.5295, 24.8716, 52.6918.



This preview shows how white text looks on a background with the XYZ color 37.5295, 24.8716,

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

37.5295, 24.8716, 52.6918

Protanopia

27.1698, 25.1542, 71.8299

Deuteranopia

25.6953, 25.0841, 49.9418



Tritanopia

31.2547, 24.7931, 22.2070

Trichromacy



Original Color

37.5295, 24.8716, 52.6918

Protanomaly

28.9515, 23.7312, 64.0274

Deuteranomaly

28.7991, 24.1292, 50.7165

Tritanomaly

33.1416, 24.5765, 31.4308

Monochromacy



Original Color

37.5295, 24.8716, 52.6918

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

28.2896, 24.7475, 36.0866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5295, 24.8716, 52.6918 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(199, 99, 192)` looks like.

```
.text, #text, p{  
    color:rgb(199, 99, 192)  
}
```

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(199, 99, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 99, 192) }
```

Border

The CSS property to change the border of an element to XYZ 37.5295, 24.8716, 52.6918 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(199, 99, 192) }
```


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

```
.border{ border-color:rgb(199, 99, 192) }
```

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

Here you see how a box with a 4 pixel rgb(199, 99, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 99, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 99, 192);  
box-shadow:4px 4px 4px 4px rgb(199, 99,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5295, 24.8716, 52.6918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 99, 192) }
```

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

```
.background{ background-color: rgb(199, 99,  
192) }
```

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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