

Converting Colors

XYZ(24.5650, 18.1684, 8.2862)

Have a look what the booklet for
XYZ(24.5650, 18.1684, 8.2862)
contains.

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Color

**XYZ(24.5253, 18.1895,
8.3492)**

Conversions

Conversions Part 1

Format	Color
Hex	B75C48
RGB	183, 92, 72
RGB Percent	72%, 36%, 28%
CMY	0.2824, 0.6392, 0.7176
CMYK	0.00, 0.50, 0.61, 0.28
HSL	11°, 44%, 50%
HSV	11°, 61%, 72%
XYZ	24.5253, 18.1895, 8.3492
YIQ	116.9290, 60.6560, 13.0720

Conversions

Conversions Part 2

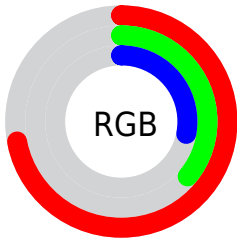
Format	Color
RYB	183, 96, 72
Decimal	12016712
CIELab	49.73, 35.02, 28.35
CIELCh	50, 45.058, 38.992
Yxy	18.1895, 0.4803, 0.3562
Android (android.graphics.Color)	4290206792 (0xFFB75C48)
YUV	116.9290, -22.1500, 57.9443
Hunter-Lab	42.6492, 28.0100, 18.2475

Details

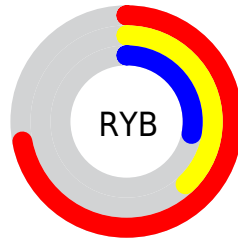
The XYZ color **24.5253, 18.1895, 8.3492** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **24.3160, 30.9890, 49.4994**, and the grayscale version is **16.9404, 17.8226, 19.4088**.

A 20% lighter version of the original color is **50.3866, 40.3817, 23.2279**, and **9.4950, 6.0997, 1.7755** is the 20% darker color. If you saturate the color by 10%, you get **22.8414, 15.6391, 5.2681**, and if you desaturate by 10%, it is **26.6451, 21.3276, 12.4524**.

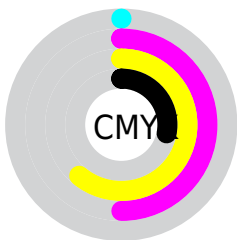
Distribution



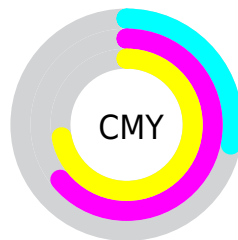
- Red (72%)
- Green (36%)
- Blue (28%)



- Red (72%)
- Yellow (38%)
- Blue (28%)



- Cyan (0%)
- Magenta (50%)
- Yellow (61%)
- Black (28%)



- Cyan (28%)
- Magenta (64%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5253, 18.1895, 8.3492 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 24.5253, 18.1895, 8.3492 by changing the saturation by 10% instead.

■ 24.5253, 18.1895,
8.3492

■ 24.5253, 18.1895,
8.3492

267.8570,
241.9370, 188.4816

■ 15.8506, 11.0861,
4.2282

■ 50.3345, 40.3600,
23.1976

■ 9.5087, 6.1248,
1.7514

■ 68.1998, 56.1958,
34.7621

■ 5.1342, 2.9211,
0.3956

■ 89.8592, 75.7113,
49.6449

■ 2.3618, 1.0907,
0.0000

■ 115.6782, 99.2909,
68.2644

■ 0.8260, 0.0000,
0.0000

■ 146.0221,
127.3188, 91.0394

■ 0.0000, 0.0000,
0.0000

181.2563,

160.1795, 118.3882

221.7462,
198.2575, 150.7294

■ 24.5253, 18.1895,
8.3492

■ 24.5253, 18.1895,
8.3492

■ 22.8414, 15.6391,
5.2681

■ 26.6451, 21.3276,
12.4524

■ 21.5605, 13.6365,
3.1173

■ 29.2279, 25.0842,
17.6569

■ 20.6468, 12.1411,
1.7897

■ 32.2999, 29.4915,
24.0349

■ 20.0717, 11.1539,
1.0950

■ 35.8850, 34.5785,
31.6523

■ 40.0056, 40.3725,
40.5702

■ 44.6826, 46.8992,
50.8455

■ 49.9359, 54.1830,
62.5317

■ 55.7843, 62.2473,
75.6796

■ 62.2458, 71.1144,
90.3373

Harmonies

Analogous

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



26.7833, 18.1895, 16.3376



24.5253, 18.1895, 8.3492



20.4177, 18.1895, 4.9243

Triad

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



24.5253, 18.1895, 8.3492



10.6746, 18.1895, 12.4857



18.6101, 18.1895, 53.5036

Complementary

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



24.5253, 18.1895, 8.3492



24.3160, 30.9890, 49.4994

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.



14.4967, 18.1895, 51.0589



24.5253, 18.1895, 8.3492



10.3538, 18.1895, 23.7318

Square

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



24.5253, 18.1895, 8.3492



12.6003, 18.1895, 6.5333



11.6370, 18.1895, 38.6993



23.0157, 18.1895, 44.4266

Rectangle

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



24.5253, 18.1895, 8.3492



17.4341, 18.1895, 4.3304



11.6370, 18.1895, 38.6993



17.1438, 18.1895, 54.0615

Sweetspot

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



24.5257, 18.1905, 8.3495



65.9221, 64.2607, 60.2411



28.5918, 17.4005, 37.2107



14.1119, 13.5607, 12.3421



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



24.5257, 18.1905, 8.3495



40.0145, 26.6271, 7.8856



30.9769, 31.0929, 10.4999



9.1320, 9.2670, 9.4143



14.0394, 7.8553, 0.7763



0.5351, 0.3573, 0.0408

Inverse Universe

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



24.3160, 30.9890, 49.4994



39.4833, 51.3322, 88.0628



16.6884, 15.7340, 46.9569



9.1253, 9.9279, 11.5148



13.6188, 17.6973, 33.9512



0.5165, 0.6967, 1.2090

Previews

White Background



This preview shows how the XYZ color 24.5253, 18.1895, 8.3492 looks on a white 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

Black Background



This preview shows how the XYZ color 24.5253, 18.1895, 8.3492 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 24.5253, 18.1895, 8.3492

Background



This preview shows how black text looks on a background with the XYZ color 24.5253, 18.1895, 8.3492.



This preview shows how white text looks on a background with the XYZ color 24.5253, 18.1895,

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

24.5253, 18.1895, 8.3492

Protanopia

17.0219, 18.3920, 10.6355

Deuteranopia

18.6256, 18.2474, 8.0093



Tritanopia

25.4051, 18.1613, 12.9930

Trichromacy



Original Color

24.5253, 18.1895, 8.3492

Protanomaly

19.0565, 17.7832, 9.6358

Deuteranomaly

20.4238, 17.9037, 8.0095

Tritanomaly

25.1436, 18.1908, 11.2028

Monochromacy



Original Color

24.5253, 18.1895, 8.3492

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.6960, 17.3274, 14.6711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5253, 18.1895, 8.3492 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(183, 92, 72)` looks like.

```
.text, #text, p{  
    color:rgb(183, 92, 72)  
}
```

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(183, 92, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 92, 72) }
```

Border

The CSS property to change the border of an element to XYZ 24.5253, 18.1895, 8.3492 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(183, 92, 72) }
```


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

```
.border{ border-color:rgb(183, 92, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 92, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 92, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 92, 72);  
box-shadow:4px 4px 4px 4px rgb(183, 92,  
72) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5253, 18.1895, 8.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 92, 72) }
```

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

```
.background{ background-color: rgb(183, 92,  
72) }
```

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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