

Converting Colors

XYZ(24.2028, 17.8012, 8.4389)

Have a look what the booklet for
XYZ(24.2028, 17.8012, 8.4389)
contains.

XYZ(24.1502, 17.7385, 8.4543)	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(24.1502, 17.7385,
8.4543)**

Conversions

Conversions Part 1

Format	Color
Hex	B65A49
RGB	182, 90, 73
RGB Percent	71%, 35%, 29%
CMY	0.2863, 0.6470, 0.7137
CMYK	0.00, 0.51, 0.60, 0.29
HSL	9°, 43%, 50%
HSV	9°, 60%, 71%
XYZ	24.1502, 17.7385, 8.4543
YIQ	115.5700, 60.2890, 14.2170

Conversions

Conversions Part 2

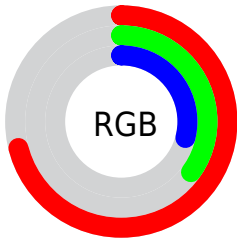
Format	Color
R_{YB}	182, 93, 73
Decimal	11950665
CIE Lab	49.18, 35.75, 27.05
CIE LCh	49, 44.831, 37.114
Yxy	17.7385, 0.4797, 0.3524
Android (android.graphics.Color)	4290140745 (0xFFB65A49)
YUV	115.5700, -20.9870, 58.2591
Hunter-Lab	42.1171, 28.6481, 17.5805

Details

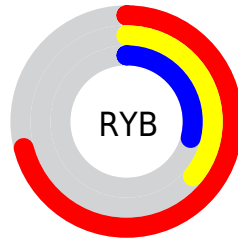
The XYZ color **24.1502, 17.7385, 8.4543** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **24.6453, 31.7021, 49.0760**, and the grayscale version is **16.5187, 17.3790, 18.9257**.

A 20% lighter version of the original color is **49.8038, 39.6284, 23.4365**, and **9.2927, 5.8914, 1.8098** is the 20% darker color. If you saturate the color by 10%, you get **22.4683, 15.2032, 5.3397**, and if you desaturate by 10%, it is **26.2773, 20.8818, 12.5886**.

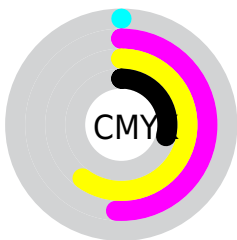
Distribution



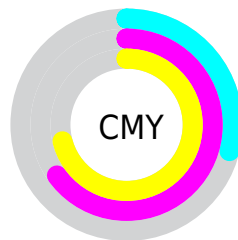
- Red (71%)
- Green (35%)
- Blue (29%)



- Red (71%)
- Yellow (36%)
- Blue (29%)



- Cyan (0%)
- Magenta (51%)
- Yellow (60%)
- Black (29%)





- Cyan (29%)
- Magenta (65%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.1502, 17.7385, 8.4543 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 24.1502, 17.7385, 8.4543 by changing the saturation by 10% instead.


 24.1502, 17.7385,
8.4543


 24.1502, 17.7385,
8.4543


266.0054,
239.3929, 189.3188


 15.5704, 10.7624,
4.2951


 49.7281, 39.5912,
23.4051


 9.3096, 5.9073,
1.7886


 67.4569, 55.2367,
35.0337

 5.0024, 2.7888,
0.4204

 88.9661, 74.5407,
49.9892

 2.2834, 1.0225,
0.0000

 114.6210, 97.8876,
68.6901

 0.7862, 0.0000,
0.0000

 144.7871,
125.6619, 91.5550

 0.0000, 0.0000,
0.0000

179.8296,

158.2480, 119.0024

220.1139,
196.0302, 151.4508

■ 24.1502, 17.7385,
8.4543

■ 24.1502, 17.7385,
8.4543

■ 22.4683, 15.2032,
5.3397

■ 26.2773, 20.8818,
12.5886

■ 21.1977, 13.2334,
3.1546

■ 28.8775, 24.6663,
17.8204

■ 20.3017, 11.7858,
1.7945

■ 31.9779, 29.1261,
24.2210

■ 19.7212, 10.8030,
1.0515

■ 35.6030, 34.2919,
31.8553

■ 19.7160, 10.7944,
1.0444

■ 39.7759, 40.1928,
40.7837

■ 44.5182, 46.8559,
51.0624

■ 49.8503, 54.3074,
62.7442

■ 55.7916, 62.5717,
75.8793

■ 62.3606, 71.6726,
90.5153

Harmonies

Analogous

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



26.2044, 17.7385, 16.5907



24.1502, 17.7385, 8.4543



20.1978, 17.7385, 4.8863

Triad

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



24.1502, 17.7385, 8.4543



10.4635, 17.7385, 11.6470



17.8793, 17.7385, 52.5311

Complementary

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



24.1502, 17.7385, 8.4543



24.6453, 31.7021, 49.0760

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.



13.9117, 17.7385, 49.3966



24.1502, 17.7385, 8.4543



10.0519, 17.7385, 22.3206

Square

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



24.1502, 17.7385, 8.4543



12.4435, 17.7385, 6.1231



11.2078, 17.7385, 36.8894



22.2142, 17.7385, 44.2341

Rectangle

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



24.1502, 17.7385, 8.4543



17.2696, 17.7385, 4.2045



11.2078, 17.7385, 36.8894



16.4567, 17.7385, 52.8212

Sweetspot

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



24.1506, 17.7394, 8.4546



65.6801, 63.7768, 60.1604



28.5248, 17.4506, 37.7731



14.0522, 13.4413, 12.3222



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.



24.1506, 17.7394, 8.4546



39.8884, 26.2644, 8.1838



30.4445, 30.3272, 10.5526



9.1148, 9.2325, 9.4085



13.9556, 7.6875, 0.7483



0.5278, 0.3426, 0.0383

Inverse Universe

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



24.6453, 31.7021, 49.0760



40.7549, 53.6413, 88.4415



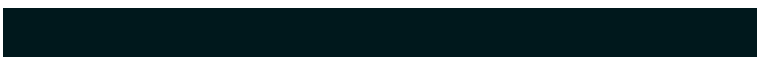
16.8920, 16.1956, 46.4916



9.1441, 9.9655, 11.5210



14.1169, 18.6935, 34.1172



0.5301, 0.7240, 1.2135

Previews

White Background



This preview shows how the XYZ color 24.1502, 17.7385, 8.4543 looks on a white background.

Color Contrast Check

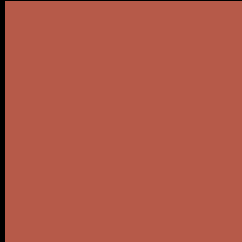
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1502, 17.7385, 8.4543 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 24.1502, 17.7385, 8.4543

Background



This preview shows how black text looks on a background with the XYZ color 24.1502, 17.7385, 8.4543.



This preview shows how white text looks on a background with the XYZ color 24.1502, 17.7385,

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

24.1502, 17.7385, 8.4543

Protanopia

16.5657, 17.7983, 10.9498

Deuteranopia

18.1960, 17.8577, 8.1181



Tritanopia

24.9124, 17.6740, 12.4543

Trichromacy



Original Color

24.1502, 17.7385, 8.4543

Protanomaly

18.5597, 17.2056, 9.9322

Deuteranomaly

19.9604, 17.5109, 8.1223

Tritanomaly

24.6979, 17.7186, 10.9224

Monochromacy



Original Color

24.1502, 17.7385, 8.4543

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.3732, 17.0109, 14.3717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1502, 17.7385, 8.4543 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(182, 90, 73)` looks like.

```
.text, #text, p{  
    color:rgb(182, 90, 73)  
}
```

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(182, 90, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 90, 73) }
```

Border

The CSS property to change the border of an element to XYZ 24.1502, 17.7385, 8.4543 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(182, 90, 73) }
```


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

```
.border{ border-color:rgb(182, 90, 73) }
```

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

Here you see how a box with a 4 pixel rgb(182, 90, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 90, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 90, 73);  
box-shadow:4px 4px 4px 4px rgb(182, 90,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1502, 17.7385, 8.4543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 90, 73) }
```

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

```
.background{ background-color: rgb(182, 90,  
73) }
```

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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