

Converting Colors

XYZ(24.4645, 17.9897, 13.9557)

Have a look what the booklet for
XYZ(24.4645, 17.9897, 13.9557)
contains.

XYZ(24.4394, 18.0201, 13.9945)	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(24.4394, 18.0201,
13.9945)**

Conversions

Conversions Part 1

Format	Color
Hex	B25C63
RGB	178, 92, 99
RGB Percent	70%, 36%, 39%
CMY	0.3020, 0.6392, 0.6118
CMYK	0.00, 0.48, 0.44, 0.30
HSL	355°, 36%, 53%
HSV	355°, 48%, 70%
XYZ	24.4394, 18.0201, 13.9945
YIQ	118.5120, 49.0090, 20.4090

Conversions

Conversions Part 2

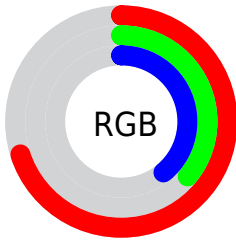
Format	Color
R _Y B	178, 92, 99
Decimal	11689059
CIE Lab	49.52, 35.53, 12.03
CIE LCh	50, 37.513, 18.711
Yxy	18.0201, 0.4329, 0.3192
Android (android.graphics.Color)	4289879139 (0xFFB25C63)
YUV	118.5120, -9.6194, 52.1710
Hunter-Lab	42.4501, 28.4785, 10.1690

Details

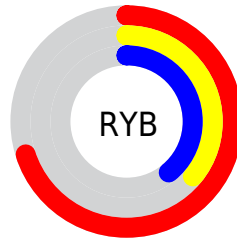
The XYZ color **24.4394, 18.0201, 13.9945** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **27.6857, 37.0568, 44.2238**, and the grayscale version is **17.3996, 18.3057, 19.9349**.

A 20% lighter version of the original color is **50.0704, 39.9814, 33.9323**, and **9.4966, 6.0505, 4.0355** is the 20% darker color. If you saturate the color by 10%, you get **22.3704, 15.0091, 9.8307**, and if you desaturate by 10%, it is **27.0299, 21.8208, 19.1135**.

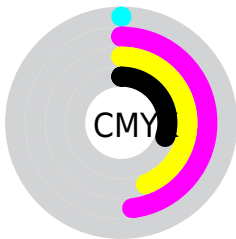
Distribution



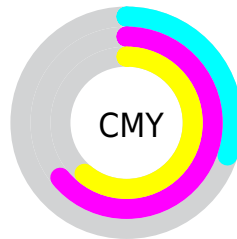
- Red (70%)
- Green (36%)
- Blue (39%)



- Red (70%)
- Yellow (36%)
- Blue (39%)



- Cyan (0%)
- Magenta (48%)
- Yellow (44%)
- Black (30%)





- Cyan (30%)
- Magenta (64%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.4394, 18.0201, 13.9945 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 24.4394, 18.0201, 13.9945 by changing the saturation by 10% instead.


 24.4394, 18.0201,
13.9945


 24.4394, 18.0201,
13.9945


267.4339,
240.9843, 228.6239


 15.7864, 10.9644,
7.9781


 50.1958, 40.0716,
33.7963


 9.4630, 6.0429,
3.9934


 68.0298, 55.8362,
48.4187

 5.1039, 2.8712,
1.6217

 89.6550, 75.2725,
66.7470

 2.3437, 1.0649,
0.3062

 115.4365, 98.7650,
89.1995

 0.8169, 0.0000,
0.0000

145.7398,
126.6980, 116.1950

 0.0000, 0.0000,
0.0000

180.9302,

159.4560, 148.1518

221.3732,
197.4233, 185.4886

■ 24.4394, 18.0201,
13.9945

■ 24.4394, 18.0201,
13.9945

■ 22.3704, 15.0091,
9.8307

■ 27.0299, 21.8208,
19.1135

■ 20.7861, 12.7296,
6.5617

■ 30.1725, 26.4584,
25.2407

■ 19.6473, 11.1200,
4.1222


■ 33.8973, 31.9797,
32.4266


■ 18.9076, 10.1073,
2.4371


■ 38.2316, 38.4274,
40.7180


■ 18.4958, 9.5714,
1.4129


■ 43.2010, 45.8412,
50.1587

 18.4427, 9.4980,
1.2940

 48.8297, 54.2586,
60.7904

 55.1406, 63.7151,
72.6525

 62.1556, 74.2445,
85.7827

 69.8954, 85.8789,
100.2170

Harmonies

Analogous

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



24.7304, 18.0201, 23.7013



24.4394, 18.0201, 13.9945



22.0374, 18.0201, 8.2934

Triad

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



24.4394, 18.0201, 13.9945



12.4940, 18.0201, 9.3426



15.8260, 18.0201, 45.7093

Complementary

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



24.4394, 18.0201, 13.9945



27.6857, 37.0568, 44.2238

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.



13.0072, 18.0201, 38.2778



24.4394, 18.0201, 13.9945



11.2684, 18.0201, 16.0378

Square

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



24.4394, 18.0201, 13.9945



15.0300, 18.0201, 6.3197



11.4423, 18.0201, 26.5832



19.4117, 18.0201, 44.5680

Rectangle

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



24.4394, 18.0201, 13.9945



19.7270, 18.0201, 6.4620



11.4423, 18.0201, 26.5832



14.7672, 18.0201, 44.0504

Sweetspot

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



24.4399, 18.0210, 13.9948



64.5332, 62.5446, 64.6760



28.6219, 19.5088, 44.3766



13.9357, 13.3191, 13.6360



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



24.4399, 18.0210, 13.9948



40.3410, 26.8905, 17.3661



27.9899, 25.6335, 13.5989



8.5235, 8.5161, 8.9892



13.2060, 6.8000, 0.9788



0.4247, 0.2176, 0.0792

Inverse Universe

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



24.4399, 18.0210, 13.9948



40.3410, 26.8905, 17.3661



22.1482, 24.8862, 45.7557



8.5235, 8.5161, 8.9892



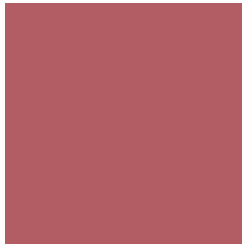
13.2060, 6.8000, 0.9788



0.4247, 0.2176, 0.0792

Previews

White Background



This preview shows how the XYZ color 24.4394, 18.0201, 13.9945 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 24.4394, 18.0201, 13.9945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

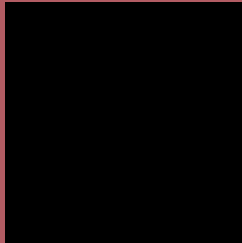
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4394, 18.0201, 13.9945

Background



This preview shows how black text looks on a background with the XYZ color 24.4394, 18.0201, 13.9945.



This preview shows how white text looks on a background with the XYZ color 24.4394, 18.0201,

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

24.4394, 18.0201, 13.9945

Protanopia

17.4291, 18.2643, 17.9360

Deuteranopia

18.5641, 18.2641, 13.3734



Tritanopia

24.4394, 18.0201, 13.9945

Trichromacy



Original Color

24.4394, 18.0201, 13.9945

Protanomaly

19.2778, 17.7496, 16.3199

Deuteranomaly

20.4022, 17.9249, 13.4509

Tritanomaly

24.4394, 18.0201, 13.9945

Monochromacy



Original Color

24.4394, 18.0201, 13.9945

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.2085, 17.6826, 17.7299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4394, 18.0201, 13.9945 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(178, 92, 99)` looks like.

```
.text, #text, p{  
    color:rgb(178, 92, 99)  
}
```

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(178, 92, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 92, 99) }
```

Border

The CSS property to change the border of an element to XYZ 24.4394, 18.0201, 13.9945 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(178, 92, 99) }
```


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

```
.border{ border-color:rgb(178, 92, 99) }
```

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

Here you see how a box with a 4 pixel rgb(178, 92, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 92, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 92, 99);  
box-shadow:4px 4px 4px 4px rgb(178, 92,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4394, 18.0201, 13.9945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 92, 99) }
```

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

```
.background{ background-color: rgb(178, 92,  
99) }
```

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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