

Converting Colors

XYZ(24.3181, 17.3013, 15.4224)

Have a look what the booklet for
XYZ(24.3181, 17.3013, 15.4224)
contains.

XYZ(24.3181, 17.3013, 15.4224)	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(24.3181, 17.3013,
15.4224)**

Conversions

Conversions Part 1

Format	Color
Hex	B25769
RGB	178, 87, 105
RGB Percent	70%, 34%, 41%
CMY	0.3020, 0.6588, 0.5882
CMYK	0.00, 0.51, 0.41, 0.30
HSL	348°, 37%, 52%
HSV	348°, 51%, 70%
XYZ	24.3181, 17.3013, 15.4224
YIQ	116.2610, 48.4580, 24.8900

Conversions

Conversions Part 2

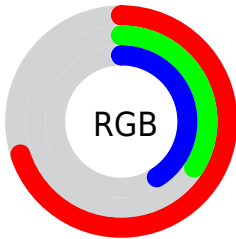
Format	Color
R_{YB}	178, 87, 105
Decimal	11687785
CIE _{Lab}	48.64, 38.81, 7.19
CIE _{LCh}	49, 39.470, 10.495
Yxy	17.3013, 0.4263, 0.3033
Android (android.graphics.Color)	4289877865 (0xFFB25769)
YUV	116.2610, -5.5517, 54.1451
Hunter-Lab	41.5948, 31.5677, 7.1330

Details

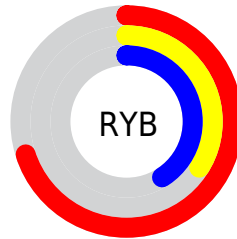
The XYZ color **24.3181, 17.3013, 15.4224** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.1970, 36.4055, 38.9061**, and the grayscale version is **16.6872, 17.5562, 19.1187**.

A 20% lighter version of the original color is **49.8254, 38.6984, 36.2959**, and **9.4206, 5.7048, 4.6076** is the 20% darker color. If you saturate the color by 10%, you get **22.3772, 14.4971, 11.4533**, and if you desaturate by 10%, it is **26.7385, 20.8672, 20.1597**.

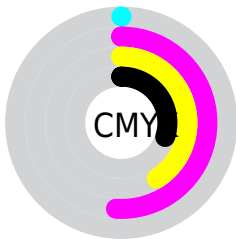
Distribution



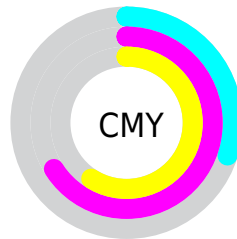
- Red (70%)
- Green (34%)
- Blue (41%)



- Red (70%)
- Yellow (34%)
- Blue (41%)



- Cyan (0%)
- Magenta (51%)
- Yellow (41%)
- Black (30%)





- Cyan (30%)
- Magenta (66%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.3181, 17.3013, 15.4224 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 24.3181, 17.3013, 15.4224 by changing the saturation by 10% instead.


 24.3181, 17.3013,
15.4224


 24.3181, 17.3013,
15.4224


266.8355,
236.9027, 237.6370


 15.6958, 10.4495,
8.9665


 49.9997, 38.8431,
36.3452


 9.3986, 5.6980,
4.6228


 67.7897, 54.3019,
51.6492


 5.0613, 2.6623,
1.9729

 89.3663, 73.3986,
70.7396

 2.3184, 0.9581,
0.5385

 115.0948, 96.5174,
94.0350

 0.8040, 0.0000,
0.0000

 145.3406,
124.0428, 121.9539

 0.0000, 0.0000,
0.0000

180.4691,

156.3593, 154.9148

220.8456,
193.8511, 193.3364

■ 24.3181, 17.3013,
15.4224

■ 24.3181, 17.3013,
15.4224

■ 22.3772, 14.4971,
11.4533

■ 26.7385, 20.8672,
20.1597

■ 20.8816, 12.3962,
8.2103

■ 29.6667, 25.2422,
25.7025

■ 19.7948, 10.9362,
5.6482

■ 33.1302, 30.4729,
32.0864

■ 19.0736, 10.0422,
3.7165

■ 37.1543, 36.6018,
39.3450

■ 18.6665, 9.5875,
2.4726

■ 41.7626, 43.6682,
47.5097

■ 46.9774, 51.7095,
56.6106

■ 52.8196, 60.7607,
66.6761

■ 59.3094, 70.8553,
77.7337

■ 66.4660, 82.0251,
89.8096

Harmonies

Analogous

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



23.9511, 17.3013, 26.3426



24.3181, 17.3013, 15.4224



22.3523, 17.3013, 8.6005

Triad

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



24.3181, 17.3013, 15.4224



12.3106, 17.3013, 7.3485



14.2195, 17.3013, 44.7050

Complementary

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



24.3181, 17.3013, 15.4224



26.1970, 36.4055, 38.9061

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.



11.6816, 17.3013, 35.0547



24.3181, 17.3013, 15.4224



10.6971, 17.3013, 12.9143

Square

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



24.3181, 17.3013, 15.4224



15.2039, 17.3013, 5.2154



10.4852, 17.3013, 22.7244



17.7506, 17.3013, 46.1686

Rectangle

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



24.3181, 17.3013, 15.4224



20.1321, 17.3013, 6.2360



10.4852, 17.3013, 22.7244



13.2369, 17.3013, 42.1795

Sweetspot

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



24.3186, 17.3022, 15.4227



64.2305, 61.5726, 65.7054



25.9020, 17.4847, 44.1291



13.8942, 13.1296, 13.9505



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.



24.3186, 17.3022, 15.4227



40.2928, 25.8808, 20.1653



26.1322, 22.2565, 11.9366



8.5628, 8.5318, 9.1961



13.3745, 6.8674, 1.8662



0.4410, 0.2241, 0.1648

Inverse Universe

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



24.3186, 17.3022, 15.4227



40.2928, 25.8808, 20.1653



22.9855, 27.2781, 46.1732



8.5628, 8.5318, 9.1961



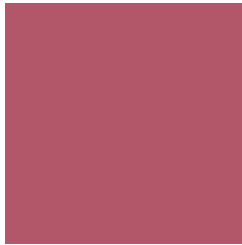
13.3745, 6.8674, 1.8662



0.4410, 0.2241, 0.1648

Previews

White Background



This preview shows how the XYZ color 24.3181, 17.3013, 15.4224 looks on a white background.

Color Contrast Check

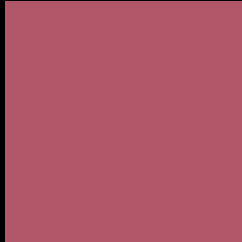
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3181, 17.3013, 15.4224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

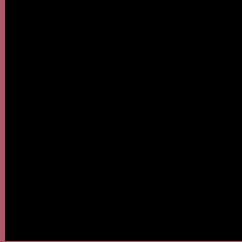
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.3181, 17.3013, 15.4224

Background



This preview shows how black text looks on a background with the XYZ color 24.3181, 17.3013, 15.4224.



This preview shows how white text looks on a background with the XYZ color 24.3181, 17.3013,

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

24.3181, 17.3013, 15.4224

Protanopia

16.9180, 17.4239, 20.5606

Deuteranopia

17.8160, 17.5145, 14.7535



Tritanopia

23.7694, 17.3181, 12.9164

Trichromacy



Original Color

24.3181, 17.3013, 15.4224

Protanomaly

18.7935, 16.8299, 18.4776

Deuteranomaly

19.6429, 17.0494, 14.8259

Tritanomaly

23.8733, 17.2274, 13.8713

Monochromacy



Original Color

24.3181, 17.3013, 15.4224

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.6237, 16.7620, 17.5830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3181, 17.3013, 15.4224 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, 87, 105)` looks like.

```
.text, #text, p{  
    color:rgb(178, 87, 105)  
}
```

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, 87, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 87, 105) }
```

Border

The CSS property to change the border of an element to XYZ 24.3181, 17.3013, 15.4224 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, 87, 105) }
```


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

```
.border{ border-color:rgb(178, 87, 105) }
```

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

Here you see how a box with a 4 pixel rgb(178, 87, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 87, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 87, 105);  
box-shadow:4px 4px 4px 4px rgb(178, 87,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3181, 17.3013, 15.4224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 87, 105) }
```

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

```
.background{ background-color: rgb(178, 87,  
105) }
```

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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