

Converting Colors

XYZ(24.9474, 18.3041, 13.0372)

Have a look what the booklet for
XYZ(24.9474, 18.3041, 13.0372)
contains.

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Color

**XYZ(24.9488, 18.3043,
13.0446)**

Conversions

Conversions Part 1

Format	Color
Hex	B55C5F
RGB	181, 92, 95
RGB Percent	71%, 36%, 37%
CMY	0.2902, 0.6392, 0.6274
CMYK	0.00, 0.49, 0.48, 0.29
HSL	358°, 38%, 54%
HSV	358°, 49%, 71%
XYZ	24.9488, 18.3043, 13.0446
YIQ	118.9530, 52.0810, 19.8010

Conversions

Conversions Part 2

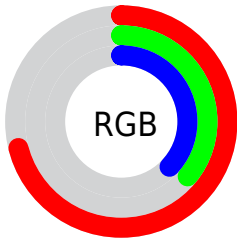
Format	Color
RYB	181, 92, 95
Decimal	11885663
CIELab	49.86, 36.25, 14.96
CIElCh	50, 39.214, 22.430
Yxy	18.3043, 0.4432, 0.3251
Android (android.graphics.Color)	4290075743 (0xFFB55C5F)
YUV	118.9530, -11.8088, 54.4152
Hunter-Lab	42.7835, 29.2194, 11.8711

Details

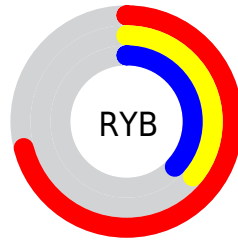
The XYZ color **24.9488, 18.3043, 13.0446** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **28.9744, 38.5379, 48.0335**, and the grayscale version is **17.5449, 18.4586, 20.1014**.

A 20% lighter version of the original color is **51.0193, 40.5161, 31.9194**, and **9.6945, 6.1628, 3.5843** is the 20% darker color. If you saturate the color by 10%, you get **22.8562, 15.2518, 8.8552**, and if you desaturate by 10%, it is **27.5955, 22.1792, 18.2997**.

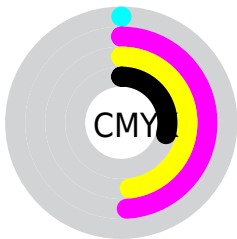
Distribution



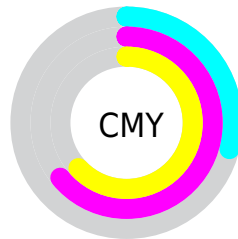
- Red (71%)
- Green (36%)
- Blue (37%)



- Red (71%)
- Yellow (36%)
- Blue (37%)



- Cyan (0%)
- Magenta (49%)
- Yellow (48%)
- Black (29%)





- Cyan (29%)
- Magenta (64%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.9488, 18.3043, 13.0446 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 24.9488, 18.3043, 13.0446 by changing the saturation by 10% instead.


 24.9488, 18.3043,
13.0446


 24.9488, 18.3043,
13.0446


269.9352,
242.5807, 222.4212


 16.1674, 11.1687,
7.3282


 51.0176, 40.5552,
32.0762


 9.7343, 6.1804,
3.5866


 69.0358, 56.4392,
46.2286

 5.2841, 2.9551,
1.4014

 90.8637, 76.0082,
64.0299

 2.4513, 1.1083,
0.1428

 116.8665, 99.6464,
85.8988

 0.8708, 0.0000,
0.0000

147.4098,
127.7384, 112.2539

 0.0000, 0.0000,
0.0000

182.8587,

160.6686, 143.5136

223.5787,
198.8212, 180.0965

■ 24.9488, 18.3043,
13.0446

■ 24.9488, 18.3043,
13.0446

■ 22.8562, 15.2518,
8.8552

■ 27.5955, 22.1792,
18.2997

■ 21.2769, 12.9597,
5.6577

■ 30.8301, 26.9270,
24.6854

■ 20.1672, 11.3622,
3.3706


■ 34.6858, 32.5973,
32.2626


■ 19.4752, 10.3806,
1.8990


■ 39.1925, 39.2354,
41.0877


■ 19.1137, 9.8730,
1.1150


■ 44.3783, 46.8833,
51.2133

 19.0894, 9.8371,
1.0676

 50.2698, 55.5810,
62.6890

 56.8921, 65.3658,
75.5621

 64.2689, 76.2735,
89.8772

 72.4230, 88.3383,
105.6773

Harmonies

Analogous

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



25.5675, 18.3043, 22.7759



24.9488, 18.3043, 13.0446



22.1741, 18.3043, 7.6356

Triad

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



24.9488, 18.3043, 13.0446



12.2862, 18.3043, 9.8057



16.4651, 18.3043, 48.2035

Complementary

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



24.9488, 18.3043, 13.0446



28.9744, 38.5379, 48.0335

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.



13.3617, 18.3043, 41.1836



24.9488, 18.3043, 13.0446



11.1850, 18.3043, 17.3321

Square

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



24.9488, 18.3043, 13.0446



14.7893, 18.3043, 6.2888



11.5483, 18.3043, 28.8920



20.2960, 18.3043, 45.7558

Rectangle

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



24.9488, 18.3043, 13.0446



19.6660, 18.3043, 6.0153



11.5483, 18.3043, 28.8920



15.3109, 18.3043, 46.8059

Sweetspot

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



24.9493, 18.3052, 13.0449



65.1419, 62.8279, 63.7021



30.1973, 20.2858, 46.0400



13.7292, 13.0636, 13.0819



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.



24.9493, 18.3052, 13.0449



40.6702, 26.9304, 15.3265



29.2465, 27.1135, 13.8185



8.5076, 8.5097, 8.9053



13.1651, 6.7836, 0.7634



0.4180, 0.2150, 0.0441

Inverse Universe

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



24.9493, 18.3052, 13.0449



40.6702, 26.9304, 15.3265



22.2725, 24.6475, 47.2996



8.5076, 8.5097, 8.9053



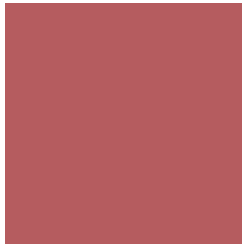
13.1651, 6.7836, 0.7634



0.4180, 0.2150, 0.0441

Previews

White Background



This preview shows how the XYZ color 24.9488, 18.3043, 13.0446 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 24.9488, 18.3043, 13.0446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

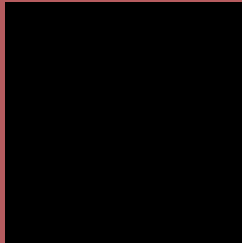
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.9488, 18.3043, 13.0446

Background



This preview shows how black text looks on a background with the XYZ color 24.9488, 18.3043, 13.0446.

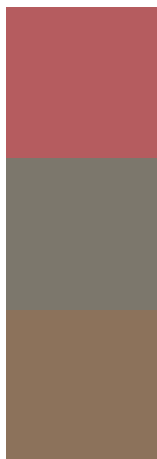


This preview shows how white text looks on a background with the XYZ color 24.9488, 18.3043,

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

24.9488, 18.3043, 13.0446

Protanopia

17.6158, 18.5614, 16.8416

Deuteranopia

18.7209, 18.3654, 12.4557



Tritanopia

25.0878, 18.3599, 13.7768

Trichromacy



Original Color

24.9488, 18.3043, 13.0446

Protanomaly

19.5939, 17.9363, 15.2613

Deuteranomaly

20.6034, 18.0493, 12.5232

Tritanomaly

25.0409, 18.3411, 13.5297

Monochromacy



Original Color

24.9488, 18.3043, 13.0446

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.4384, 17.8139, 17.1658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9488, 18.3043, 13.0446 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(181, 92, 95)` looks like.

```
.text, #text, p{  
    color:rgb(181, 92, 95)  
}
```

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(181, 92, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 92, 95) }
```

Border

The CSS property to change the border of an element to XYZ 24.9488, 18.3043, 13.0446 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(181, 92, 95) }
```


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

```
.border{ border-color:rgb(181, 92, 95) }
```

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

Here you see how a box with a 4 pixel rgb(181, 92, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 92, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 92, 95);  
box-shadow:4px 4px 4px 4px rgb(181, 92,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9488, 18.3043, 13.0446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 92, 95) }
```

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

```
.background{ background-color: rgb(181, 92,  
95) }
```

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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