

Converting Colors

XYZ(25.0276, 18.7992, 13.2488)

Have a look what the booklet for
XYZ(25.0276, 18.7992, 13.2488)
contains.

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Color

**XYZ(24.9802, 18.7139,
13.1220)**

Conversions

Conversions Part 1

Format	Color
Hex	B45F5F
RGB	180, 95, 95
RGB Percent	71%, 37%, 37%
CMY	0.2941, 0.6274, 0.6274
CMYK	0.00, 0.47, 0.47, 0.29
HSL	0°, 36%, 54%
HSV	0°, 47%, 71%
XYZ	24.9802, 18.7139, 13.1220
YIQ	120.4150, 50.6600, 18.0200

Conversions

Conversions Part 2

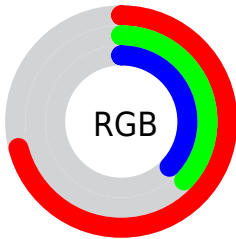
Format	Color
R_{YB}	180, 95, 95
Decimal	11820895
CIE _{Lab}	50.35, 34.28, 15.61
CIE _{LCh}	50, 37.666, 24.481
Yxy	18.7139, 0.4397, 0.3294
Android (android.graphics.Color)	4290010975 (0xFFB45F5F)
YUV	120.4150, -12.5296, 52.2560
Hunter-Lab	43.2596, 27.3704, 12.2972

Details

The XYZ color **24.9802, 18.7139, 13.1220** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **29.2781, 38.3691, 49.0430**, and the grayscale version is **18.0136, 18.9517, 20.6384**.

A 20% lighter version of the original color is **51.1412, 41.2625, 32.0571**, and **9.8049, 6.3836, 3.6211** is the 20% darker color. If you saturate the color by 10%, you get **22.8163, 15.5477, 8.8198**, and if you desaturate by 10%, it is **27.7087, 22.7067, 18.5454**.

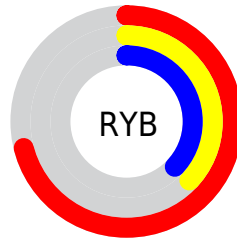
Distribution



Red (71%)

Green (37%)

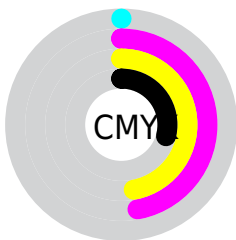
Blue (37%)



Red (71%)

Yellow (37%)

Blue (37%)

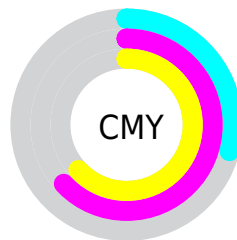


Cyan (0%)

Magenta (47%)

Yellow (47%)

Black (29%)



Cyan (29%)


Magenta (63%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.9802, 18.7139, 13.1220 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 24.9802, 18.7139, 13.1220 by changing the saturation by 10% instead.


 24.9802, 18.7139,
13.1220


 24.9802, 18.7139,
13.1220


270.0888,
244.8647, 222.9333


 16.1910, 11.4637,
7.3809


 51.0682, 41.2501,
32.2172


 9.7511, 6.3797,
3.6194


 69.0977, 57.3049,
46.4083

 5.2952, 3.0773,
1.4190

 90.9380, 77.0634,
64.2533

 2.4580, 1.1722,
0.1564

 116.9544,
100.9100, 86.1705

 0.8741, 0.0388,
0.0000

147.5124,
129.2290, 112.5786

 0.0000, 0.0000,
0.0000

182.9772,

162.4049, 143.8960

223.7142,
200.8220, 180.5414

■ 24.9802, 18.7139,
13.1220

■ 24.9802, 18.7139,
13.1220

■ 22.8163, 15.5477,
8.8198

■ 27.7087, 22.7067,
18.5454

■ 21.1762, 13.1477,
5.5594

■ 31.0359, 27.5755,
25.1598

■ 20.0159, 11.4498,
3.2530


■ 34.9951, 33.3689,
33.0305


■ 19.2837, 10.3783,
1.7975


■ 39.6165, 40.1313,
42.2177


■ 18.9042, 9.8230,
1.0433

■ 44.9285, 47.9043,
52.7778

 18.8225, 9.7035,
0.8809

 50.9579, 56.7269,
64.7640

 57.7298, 66.6361,
78.2266

 65.2684, 77.6671,
93.2133

 72.6324, 88.4433,
107.8509

Harmonies

Analogous

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



25.7393, 18.7139, 22.3739



24.9802, 18.7139, 13.1220



22.1903, 18.7139, 7.9924

Triad

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



24.9802, 18.7139, 13.1220



12.6582, 18.7139, 10.7772



17.1196, 18.7139, 47.6928

Complementary

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



24.9802, 18.7139, 13.1220



29.2781, 38.3691, 49.0430

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.



14.0085, 18.7139, 41.5404



24.9802, 18.7139, 13.1220



11.6688, 18.7139, 18.5012

Square

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



24.9802, 18.7139, 13.1220



15.0308, 18.7139, 6.9994



12.1271, 18.7139, 29.9065



20.8611, 18.7139, 44.7309

Rectangle

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



24.9802, 18.7139, 13.1220



19.7344, 18.7139, 6.4850



12.1271, 18.7139, 29.9065



15.9722, 18.7139, 46.5726

Sweetspot

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



24.9807, 18.7149, 13.1223



65.8245, 63.9743, 64.6047



31.1529, 21.1832, 45.6269



13.8590, 13.2886, 13.2317



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.



24.9807, 18.7149, 13.1223



41.1145, 27.8163, 15.4827



29.9050, 28.5635, 14.7638



8.4964, 8.5053, 8.8464



13.1370, 6.7725, 0.6148



0.4134, 0.2131, 0.0193

Inverse Universe

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



29.2781, 38.3691, 49.0430



49.8829, 67.9188, 88.7751



21.9746, 23.7622, 46.6085



8.7426, 9.6315, 10.9046



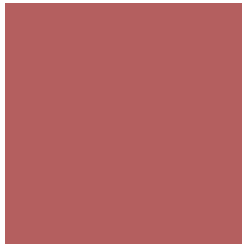
17.1398, 25.0799, 34.0745



0.5393, 0.7891, 1.0721

Previews

White Background



This preview shows how the XYZ color 24.9802, 18.7139, 13.1220 looks on a white background.

Color Contrast Check

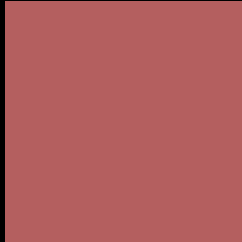
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 24.9802, 18.7139, 13.1220 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 24.9802, 18.7139, 13.1220

Background



This preview shows how black text looks on a background with the XYZ color 24.9802, 18.7139, 13.1220.

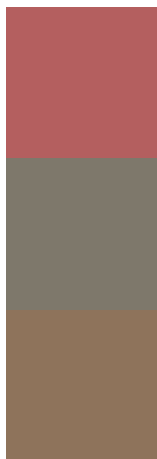


This preview shows how white text looks on a background with the XYZ color 24.9802, 18.7139,

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

24.9802, 18.7139, 13.1220

Protanopia

17.9745, 18.9301, 16.6164

Deuteranopia

19.1744, 18.7676, 12.5094



Tritanopia

25.1741, 18.6483, 14.5846

Trichromacy



Original Color

24.9802, 18.7139, 13.1220

Protanomaly

19.9867, 18.4591, 15.3415

Deuteranomaly

21.0046, 18.5658, 12.6017

Tritanomaly

25.0772, 18.6096, 14.0747

Monochromacy



Original Color

24.9802, 18.7139, 13.1220

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

19.7090, 18.2674, 17.5261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9802, 18.7139, 13.1220 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(180, 95, 95)` looks like.

```
.text, #text, p{  
    color:rgb(180, 95, 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(180, 95, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 95, 95) }
```

Border

The CSS property to change the border of an element to XYZ 24.9802, 18.7139, 13.1220 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(180, 95, 95) }
```


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

```
.border{ border-color:rgb(180, 95, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 95, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 95, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 95, 95);  
box-shadow:4px 4px 4px 4px rgb(180, 95,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9802, 18.7139, 13.1220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 95, 95) }
```

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

```
.background{ background-color: rgb(180, 95,  
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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