

Converting Colors

XYZ(24.1678, 18.3622, 10.0551)

Have a look what the booklet for
XYZ(24.1678, 18.3622, 10.0551)
contains.

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Color

**XYZ(24.1678, 18.3622,
10.0551)**

Conversions

Conversions Part 1

Format	Color
Hex	B35F51
RGB	179, 95, 81
RGB Percent	70%, 37%, 32%
CMY	0.2980, 0.6274, 0.6823
CMYK	0.00, 0.47, 0.55, 0.30
HSL	9°, 39%, 51%
HSV	9°, 55%, 70%
XYZ	24.1678, 18.3622, 10.0551
YIQ	118.5200, 54.5580, 13.4540

Conversions

Conversions Part 2

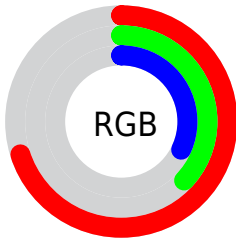
Format	Color
R_{YB}	179, 97, 81
Decimal	11755345
CIE _{Lab}	49.93, 32.57, 23.28
CIE _{LCh}	50, 40.034, 35.549
Yxy	18.3622, 0.4596, 0.3492
Android (android.graphics.Color)	4289945425 (0xFFB35F51)
YUV	118.5200, -18.4974, 53.0410
Hunter-Lab	42.8511, 25.6835, 16.0833

Details

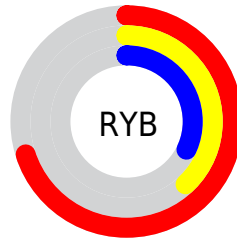
The XYZ color **24.1678, 18.3622, 10.0551** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **24.9843, 31.9126, 47.4905**, and the grayscale version is **17.4280, 18.3356, 19.9675**.

A 20% lighter version of the original color is **49.7229, 40.6563, 26.3459**, and **9.3215, 6.2189, 2.3781** is the 20% darker color. If you saturate the color by 10%, you get **22.3344, 15.6318, 6.5576**, and if you desaturate by 10%, it is **26.4512, 21.7096, 14.5758**.

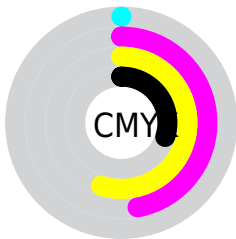
Distribution



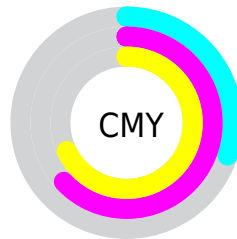
- Red (70%)
- Green (37%)
- Blue (32%)



- Red (70%)
- Yellow (38%)
- Blue (32%)



- Cyan (0%)
- Magenta (47%)
- Yellow (55%)
- Black (30%)





- Cyan (30%)
- Magenta (63%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.1678, 18.3622, 10.0551 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 24.1678, 18.3622, 10.0551 by changing the saturation by 10% instead.


 24.1678, 18.3622,
10.0551


 24.1678, 18.3622,
10.0551


266.0925,
242.9047, 201.5640


 15.5836, 11.2103,
5.3294


 49.7566, 40.6535,
26.5085


 9.3189, 6.2085,
2.3797


 67.4918, 56.5618,
39.0733

 5.0086, 2.9723,
0.7754

 89.0081, 76.1577,
55.0883

 2.2871, 1.1173,
0.0000

 114.6707, 99.8255,
74.9719

 0.7880, 0.0000,
0.0000

 144.8452,
127.9498, 99.1428

 0.0000, 0.0000,
0.0000

179.8967,

160.9148, 128.0194

220.1907,
199.1050, 162.0202

■ 24.1678, 18.3622,
10.0551

■ 24.1678, 18.3622,
10.0551

■ 22.3344, 15.6318,
6.5576

■ 26.4512, 21.7096,
14.5758

■ 20.9194, 13.4778,
4.0019

■ 29.2107, 25.7057,
20.1905

■ 19.8891, 11.8591,
2.2960

■ 32.4720, 30.3835,
26.9646

■ 19.2035, 10.7277,
1.3285

■ 36.2584, 35.7728,
34.9583

■ 18.9505, 10.3040,
0.9901

■ 40.5919, 41.9017,
44.2275

■ 45.4932, 48.7968,
54.8248

■ 50.9818, 56.4832,
66.7996

■ 57.0765, 64.9851,
80.1990

■ 63.7949, 74.3255,
95.0676

Harmonies

Analogous

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



25.8713, 18.3622, 18.0194



24.1678, 18.3622, 10.0551



20.6871, 18.3622, 6.2701

Triad

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



24.1678, 18.3622, 10.0551



11.5627, 18.3622, 12.4626



18.1757, 18.3622, 49.2485

Complementary

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



24.1678, 18.3622, 10.0551



24.9843, 31.9126, 47.4905

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.



14.5744, 18.3622, 46.0459



24.1678, 18.3622, 10.0551



11.0928, 18.3622, 22.1063

Square

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



24.1678, 18.3622, 10.0551



13.5061, 18.3622, 7.2611



12.1132, 18.3622, 34.9608



22.1018, 18.3622, 42.5746

Rectangle

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



24.1678, 18.3622, 10.0551



18.0314, 18.3622, 5.4625



12.1132, 18.3622, 34.9608



16.8866, 18.3622, 49.3129

Sweetspot

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



24.1682, 18.3632, 10.0554



63.8435, 62.5149, 60.2852



28.4096, 18.2194, 38.0636



13.8289, 13.4016, 12.6875



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.



24.1682, 18.3632, 10.0554



39.3351, 26.9925, 10.5144



29.9080, 29.8427, 11.9687



8.5911, 8.6947, 8.8780



13.4212, 7.3410, 0.7096



0.4529, 0.2922, 0.0325

Inverse Universe

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



24.9843, 31.9126, 47.4905



40.8755, 53.6610, 84.5844



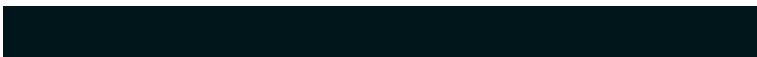
17.8837, 17.7112, 45.1236



8.6371, 9.4204, 10.8694



13.8843, 18.5690, 32.9894



0.4651, 0.6407, 1.0474

Previews

White Background



This preview shows how the XYZ color 24.1678, 18.3622, 10.0551 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 24.1678, 18.3622, 10.0551 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 24.1678, 18.3622, 10.0551

Background



This preview shows how black text looks on a background with the XYZ color 24.1678, 18.3622, 10.0551.



This preview shows how white text looks on a background with the XYZ color 24.1678, 18.3622,

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

24.1678, 18.3622, 10.0551

Protanopia

17.2375, 18.4610, 12.5523

Deuteranopia

18.7202, 18.4243, 9.7773



Tritanopia

24.9017, 18.2584, 14.0161

Trichromacy



Original Color

24.1678, 18.3622, 10.0551

Protanomaly

19.1503, 17.9510, 11.4724

Deuteranomaly

20.3793, 18.1478, 9.8259

Tritanomaly

24.6685, 18.3047, 12.3582

Monochromacy



Original Color

24.1678, 18.3622, 10.0551

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.1102, 17.8345, 15.7998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1678, 18.3622, 10.0551 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(179, 95, 81)` looks like.

```
.text, #text, p{  
    color:rgb(179, 95, 81)  
}
```

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(179, 95, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 95, 81) }
```

Border

The CSS property to change the border of an element to XYZ 24.1678, 18.3622, 10.0551 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(179, 95, 81) }
```


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

```
.border{ border-color:rgb(179, 95, 81) }
```

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

Here you see how a box with a 4 pixel rgb(179, 95, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 95, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 95, 81);  
box-shadow:4px 4px 4px 4px rgb(179, 95,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1678, 18.3622, 10.0551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 95, 81) }
```

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

```
.background{ background-color: rgb(179, 95,  
81) }
```

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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