

Converting Colors

XYZ(24.0505, 18.0907, 10.8436)

Have a look what the booklet for
XYZ(24.0505, 18.0907, 10.8436)
contains.

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Color

**XYZ(24.0025, 18.1263,
10.8280)**

Conversions

Conversions Part 1

Format	Color
Hex	B25E55
RGB	178, 94, 85
RGB Percent	70%, 37%, 33%
CMY	0.3020, 0.6314, 0.6667
CMYK	0.00, 0.47, 0.52, 0.30
HSL	6°, 38%, 52%
HSV	6°, 52%, 70%
XYZ	24.0025, 18.1263, 10.8280
YIQ	118.0900, 52.9530, 15.0090

Conversions

Conversions Part 2

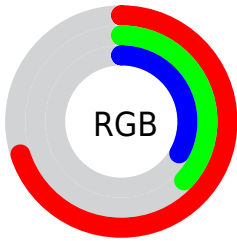
Format	Color
R _Y B	178, 95, 85
Decimal	11689557
CIE Lab	49.65, 33.07, 20.53
CIE LCh	50, 38.924, 31.829
Yxy	18.1263, 0.4532, 0.3423
Android (android.graphics.Color)	4289879637 (0xFFB25E55)
YUV	118.0900, -16.3134, 52.5411
Hunter-Lab	42.5750, 26.1267, 14.7234

Details

The XYZ color **24.0025, 18.1263, 10.8280** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **25.9692, 33.5197, 47.2205**, and the grayscale version is **17.2865, 18.1868, 19.8054**.

A 20% lighter version of the original color is **49.5771, 40.3116, 28.0896**, and **9.2065, 6.0949, 2.6987** is the 20% darker color. If you saturate the color by 10%, you get **22.0985, 15.3113, 7.1325**, and if you desaturate by 10%, it is **26.3830, 21.6098, 15.5602**.

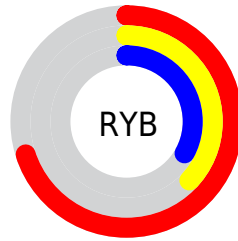
Distribution



Red (70%)

Green (37%)

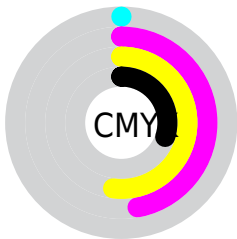
Blue (33%)



Red (70%)

Yellow (37%)

Blue (33%)

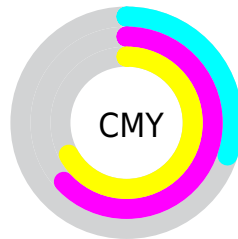


Cyan (0%)

Magenta (47%)

Yellow (52%)

Black (30%)



Cyan (30%)

Magenta (63%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.0025, 18.1263, 10.8280 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 24.0025, 18.1263, 10.8280 by changing the saturation by 10% instead.


 24.0025, 18.1263,
10.8280


 24.0025, 18.1263,
10.8280


265.2734,
241.5820, 207.1786


 15.4602, 11.0407,
5.8386


 49.4889, 40.2524,
27.9734


 9.2314, 6.0942,
2.6800


 67.1638, 56.0617,
40.9665


 4.9508, 2.9025,
0.9333

 88.6135, 75.5477,
57.4646

 2.2529, 1.0810,
0.0000

 114.2036, 99.0948,
77.8862

 0.7704, 0.0000,
0.0000

 144.2992,
127.0874, 102.6499

 0.0000, 0.0000,
0.0000

179.2658,

159.9099, 132.1741

219.4687,
197.9466, 166.8775

■ 24.0025, 18.1263,
10.8280

■ 24.0025, 18.1263,
10.8280

■ 22.0985, 15.3113,
7.1325

■ 26.3830, 21.6098,
15.5602

■ 20.6375, 13.1193,
4.3949

■ 29.2679, 25.7979,
21.3980

■ 19.5836, 11.5036,
2.5265

■ 32.6845, 30.7276,
28.4055

■ 18.8946, 10.4095,
1.4218

■ 36.6578, 36.4322,
36.6417

■ 18.5641, 9.8732,
0.9273

■ 41.2112, 42.9432,
46.1616

■ 46.3666, 50.2903,
57.0167

■ 52.1449, 58.5017,
69.2559

■ 58.5660, 67.6042,
82.9254

■ 65.6490, 77.6236,
98.0696

Harmonies

Analogous

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



25.3562, 18.1263, 19.0938



24.0025, 18.1263, 10.8280



20.8077, 18.1263, 6.6786

Triad

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



24.0025, 18.1263, 10.8280



11.6904, 18.1263, 11.5999



17.4564, 18.1263, 47.8838

Complementary

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



24.0025, 18.1263, 10.8280



25.9692, 33.5197, 47.2205

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.



14.0852, 18.1263, 43.6771



24.0025, 18.1263, 10.8280



11.0547, 18.1263, 20.3934

Square

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



24.0025, 18.1263, 10.8280



13.7445, 18.1263, 6.9991



11.8664, 18.1263, 32.5399



21.2566, 18.1263, 42.5829

Rectangle

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



24.0025, 18.1263, 10.8280



18.2589, 18.1263, 5.6639



11.8664, 18.1263, 32.5399



16.2376, 18.1263, 47.5302

Sweetspot

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



24.0029, 18.1272, 10.8283



63.4489, 61.7257, 60.1537



28.8879, 18.8738, 40.2746



13.7332, 13.2102, 12.6556



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.



24.0029, 18.1272, 10.8283



39.5275, 26.9508, 11.8929



29.2686, 28.6586, 12.5836



8.5604, 8.6333, 8.8677



13.3051, 7.1087, 0.6709



0.4401, 0.2667, 0.0283

Inverse Universe

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



25.9692, 33.5197, 47.2205



43.4414, 57.8890, 85.2653



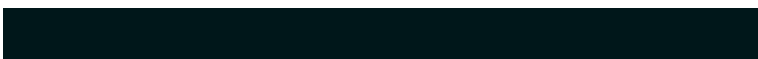
18.9586, 19.4985, 44.8836



8.6709, 9.4881, 10.8807



14.8649, 20.5301, 33.3162



0.4879, 0.6864, 1.0550

Previews

White Background



This preview shows how the XYZ color 24.0025, 18.1263, 10.8280 looks on a white background.

Color Contrast Check

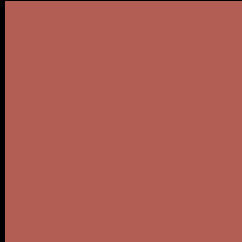
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0025, 18.1263, 10.8280 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 24.0025, 18.1263, 10.8280

Background



This preview shows how black text looks on a background with the XYZ color 24.0025, 18.1263, 10.8280.



This preview shows how white text looks on a background with the XYZ color 24.0025, 18.1263,

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

24.0025, 18.1263, 10.8280

Protanopia

17.1939, 18.2370, 13.6802

Deuteranopia

18.5834, 18.1702, 10.5104



Tritanopia

24.6697, 18.1389, 14.0053

Trichromacy



Original Color

24.0025, 18.1263, 10.8280

Protanomaly

19.0775, 17.7297, 12.5419

Deuteranomaly

20.2329, 17.9012, 10.5725

Tritanomaly

24.5251, 18.2206, 12.8140

Monochromacy



Original Color

24.0025, 18.1263, 10.8280

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.8854, 17.5533, 16.0284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0025, 18.1263, 10.8280 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, 94, 85)` looks like.

```
.text, #text, p{  
    color:rgb(178, 94, 85)  
}
```

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, 94, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 94, 85) }
```

Border

The CSS property to change the border of an element to XYZ 24.0025, 18.1263, 10.8280 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, 94, 85) }
```


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

```
.border{ border-color:rgb(178, 94, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 94, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 94, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 94, 85);  
box-shadow:4px 4px 4px 4px rgb(178, 94,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0025, 18.1263, 10.8280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 94, 85) }
```

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

```
.background{ background-color: rgb(178, 94,  
85) }
```

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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