

Converting Colors

XYZ(24.5899, 18.7489, 10.1001)

Have a look what the booklet for
XYZ(24.5899, 18.7489, 10.1001)
contains.

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Color

**XYZ(24.4905, 18.6631,
10.0961)**

Conversions

Conversions Part 1

Format	Color
Hex	B46051
RGB	180, 96, 81
RGB Percent	71%, 38%, 32%
CMY	0.2941, 0.6235, 0.6824
CMYK	0.00, 0.47, 0.55, 0.29
HSL	9°, 40%, 51%
HSV	9°, 55%, 71%
XYZ	24.4905, 18.6631, 10.0961
YIQ	119.4060, 54.8790, 13.1430

Conversions

Conversions Part 2

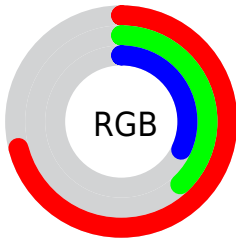
Format	Color
R_{YB}	180, 99, 81
Decimal	11821137
CIE _{Lab}	50.29, 32.43, 23.77
CIE _{LCh}	50, 40.211, 36.239
Yxy	18.6631, 0.4599, 0.3505
Android (android.graphics.Color)	4290011217 (0xFFB46051)
YUV	119.4060, -18.9342, 53.1409
Hunter-Lab	43.2008, 25.5901, 16.3844

Details

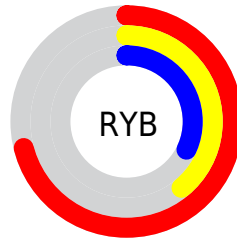
The XYZ color **24.4905, 18.6631, 10.0961** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **25.0859, 31.9533, 48.0254**, and the grayscale version is **17.7098, 18.6321, 20.2904**.

A 20% lighter version of the original color is **50.2158, 41.1422, 26.4137**, and **9.5033, 6.3714, 2.3980** is the 20% darker color. If you saturate the color by 10%, you get **22.6423, 15.9075, 6.5798**, and if you desaturate by 10%, it is **26.7893, 22.0336, 14.6455**.

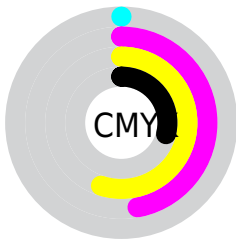
Distribution



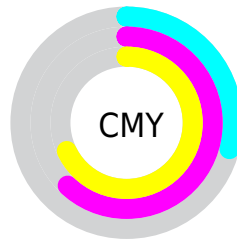
- Red (71%)
- Green (38%)
- Blue (32%)



- Red (71%)
- Yellow (39%)
- Blue (32%)



- Cyan (0%)
- Magenta (47%)
- Yellow (55%)
- Black (29%)





- Cyan (29%)
- Magenta (62%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.4905, 18.6631, 10.0961 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 24.4905, 18.6631, 10.0961 by changing the saturation by 10% instead.


 24.4905, 18.6631,
10.0961


 24.4905, 18.6631,
10.0961


267.6857,
244.5825, 201.8663


 15.8246, 11.4271,
5.3563


 50.2783, 41.1640,
26.5867


 9.4902, 6.3549,
2.3954


 68.1309, 57.1978,
39.1746

 5.1219, 3.0620,
0.7839

 89.7765, 76.9328,
55.2156

 2.3545, 1.1642,
0.0000

 115.5803,
100.7537, 75.1283

 0.8223, 0.0322,
0.0000

 145.9078,
129.0447, 99.3312

 0.0000, 0.0000,
0.0000

181.1243,

162.1902, 128.2427

221.5951,
200.5747, 162.2816

■ 24.4905, 18.6631,
10.0961

■ 24.4905, 18.6631,
10.0961

■ 22.6423, 15.9075,
6.5798

■ 26.7893, 22.0336,
14.6455

■ 21.2129, 13.7265,
4.0141

■ 29.5646, 26.0502,
20.2998

■ 20.1689, 12.0799,
2.3056

■ 32.8420, 30.7453,
27.1254

■ 19.4703, 10.9202,
1.3401

■ 36.6449, 36.1486,
35.1833

■ 19.2208, 10.5001,
1.0137

■ 40.9952, 42.2876,
44.5301

■ 45.9134, 49.1888,
55.2190

■ 51.4193, 56.8770,
67.3002

■ 57.5313, 65.3760,
80.8213

■ 64.2673, 74.7086,
95.8275

Harmonies

Analogous

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



26.2733, 18.6631, 18.0780



24.4905, 18.6631, 10.0961



20.9305, 18.6631, 6.3335

Triad

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



24.4905, 18.6631, 10.0961



11.7295, 18.6631, 12.8463



18.5651, 18.6631, 49.9675

Complementary

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



24.4905, 18.6631, 10.0961



25.0859, 31.9533, 48.0254

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.



14.8891, 18.6631, 46.9498



24.4905, 18.6631, 10.0961



11.2870, 18.6631, 22.7421

Square

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



24.4905, 18.6631, 10.0961



13.6697, 18.6631, 7.4665



12.3581, 18.6631, 35.8197



22.5444, 18.6631, 42.9928

Rectangle

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



24.4905, 18.6631, 10.0961



18.2345, 18.6631, 5.5534



12.3581, 18.6631, 35.8197



17.2520, 18.6631, 50.1149

Sweetspot

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



24.4910, 18.6641, 10.0964



65.5120, 64.2236, 61.8053



28.5701, 18.3103, 37.6974



13.8470, 13.4379, 12.6935



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.



24.4910, 18.6641, 10.0964



40.4415, 27.9164, 10.8007



30.4866, 30.6554, 12.0950



8.5969, 8.7063, 8.8799



13.4470, 7.3926, 0.7182



0.4553, 0.2970, 0.0333

Inverse Universe

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



25.0859, 31.9533, 48.0254



41.5533, 54.3249, 86.5903



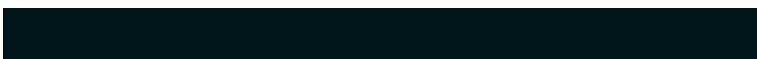
17.8368, 17.4550, 45.6090



8.6308, 9.4077, 10.8673



13.7073, 18.2150, 32.9304



0.4609, 0.6323, 1.0460

Previews

White Background



This preview shows how the XYZ color 24.4905, 18.6631, 10.0961 looks on a white background.

Color Contrast Check

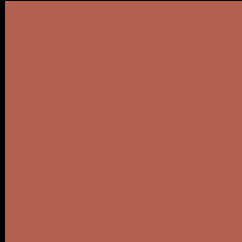
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4905, 18.6631, 10.0961 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 24.4905, 18.6631, 10.0961

Background



This preview shows how black text looks on a background with the XYZ color 24.4905, 18.6631, 10.0961.



This preview shows how white text looks on a background with the XYZ color 24.4905, 18.6631,

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

24.4905, 18.6631, 10.0961

Protanopia

17.6581, 18.8554, 12.6063

Deuteranopia

19.1829, 18.8313, 9.8315



Tritanopia

25.2707, 18.5726, 14.3095

Trichromacy



Original Color

24.4905, 18.6631, 10.0961

Protanomaly

19.6175, 18.3529, 11.5253

Deuteranomaly

20.8744, 18.5587, 9.8791

Tritanomaly

25.0345, 18.6195, 12.6304

Monochromacy



Original Color

24.4905, 18.6631, 10.0961

Achromatopsia

17.5343, 18.4475, 20.0893

Achromatomaly

19.2187, 18.0515, 15.8360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4905, 18.6631, 10.0961 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, 96, 81)` looks like.

```
.text, #text, p{  
    color:rgb(180, 96, 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(180, 96, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 96, 81) }
```

Border

The CSS property to change the border of an element to XYZ 24.4905, 18.6631, 10.0961 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, 96, 81) }
```


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

```
.border{ border-color:rgb(180, 96, 81) }
```

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

Here you see how a box with a 4 pixel rgb(180, 96, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 96, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 96, 81);  
box-shadow:4px 4px 4px 4px rgb(180, 96,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4905, 18.6631, 10.0961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 96, 81) }
```

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

```
.background{ background-color: rgb(180, 96,  
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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