

Converting Colors

XYZ(24.0740, 18.2311, 6.4672)

Have a look what the booklet for
XYZ(24.0740, 18.2311, 6.4672)
contains.

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Color

**XYZ(24.1097, 18.2767,
6.5320)**

Conversions

Conversions Part 1

Format	Color
Hex	B65E3C
RGB	182, 94, 60
RGB Percent	71%, 37%, 24%
CMY	0.2863, 0.6314, 0.7647
CMYK	0.00, 0.48, 0.67, 0.29
HSL	17°, 50%, 47%
HSV	17°, 67%, 71%
XYZ	24.1097, 18.2767, 6.5320
YIQ	116.4360, 63.3620, 8.0820

Conversions

Conversions Part 2

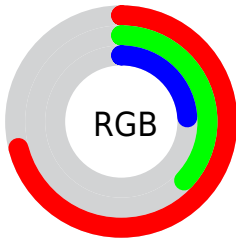
Format	Color
R_{YB}	182, 107, 60
Decimal	11951676
CIE _{Lab}	49.83, 32.76, 35.21
CIE _{LCh}	50, 48.091, 47.061
Yxy	18.2767, 0.4929, 0.3736
Android (android.graphics.Color)	4290141756 (0xFFB65E3C)
YUV	116.4360, -27.8229, 57.4996
Hunter-Lab	42.7513, 25.8509, 20.8669

Details

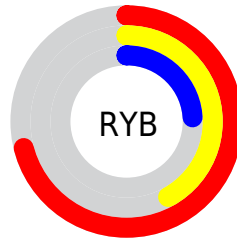
The XYZ color **24.1097, 18.2767, 6.5320** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **20.8961, 25.5163, 48.0795**, and the grayscale version is **16.8042, 17.6793, 19.2528**.

A 20% lighter version of the original color is **49.6036, 40.5177, 19.3937**, and **9.3368, 6.1963, 1.1558** is the 20% darker color. If you saturate the color by 10%, you get **22.6391, 15.9776, 4.0626**, and if you desaturate by 10%, it is **25.9452, 21.0410, 9.9395**.

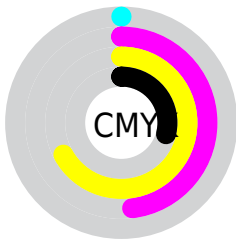
Distribution



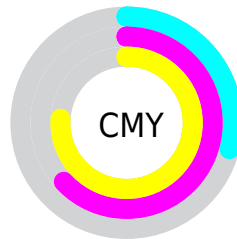
- Red (71%)
- Green (37%)
- Blue (24%)



- Red (71%)
- Yellow (42%)
- Blue (24%)



- Cyan (0%)
- Magenta (48%)
- Yellow (67%)
- Black (29%)





- Cyan (29%)
- Magenta (63%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.1097, 18.2767, 6.5320 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 24.1097, 18.2767, 6.5320 by changing the saturation by 10% instead.


 24.1097, 18.2767,
6.5320


 24.1097, 18.2767,
6.5320


265.8048,
242.4261, 173.1969


 15.5402, 11.1488,
3.0972


 49.6625, 40.5083,
19.5219


 9.2882, 6.1670,
1.1445


 67.3766, 56.3807,
29.9141

 4.9882, 2.9469,
0.0000

 88.8695, 75.9368,
43.4626

 2.2750, 1.1041,
0.0000

 114.5066, 99.5610,
60.5857

 0.7818, 0.0000,
0.0000

 144.6534,
127.6376, 81.7022

 0.0000, 0.0000,
0.0000

 179.6751,

160.5511, 107.2306

219.9371,
198.6858, 137.5893

■ 24.1097, 18.2767,
6.5320

■ 24.1097, 18.2767,
6.5320

■ 22.6391, 15.9776,
4.0626

■ 25.9452, 21.0410,
9.9395

■ 21.5042, 14.1136,
2.4334

■ 28.1689, 24.2925,
14.3676

■ 20.6693, 12.6537,
1.5081

■ 30.8035, 28.0549,
19.8911

■ 20.4633, 12.2890,
1.2935

■ 33.8695, 32.3496,
26.5772

■ 37.3859, 37.1968,
34.4878

■ 41.3708, 42.6155,
43.6802

■ 45.8408, 48.6238,
54.2082

■ 50.8120, 55.2390,
66.1227

■ 56.2997, 62.4778,
79.4715

Harmonies

Analogous

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



27.2573, 18.2767, 13.3630



24.1097, 18.2767, 6.5320



19.4251, 18.2767, 4.0261

Triad

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



24.1097, 18.2767, 6.5320



10.1068, 18.2767, 14.7567



20.0939, 18.2767, 55.2006

Complementary

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



24.1097, 18.2767, 6.5320



20.8961, 25.5163, 48.0795

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.



15.4679, 18.2767, 56.1357



24.1097, 18.2767, 6.5320



10.2219, 18.2767, 28.2827

Square

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



24.1097, 18.2767, 6.5320



11.6744, 18.2767, 7.1636



12.0226, 18.2767, 44.7570



24.6731, 18.2767, 42.5842

Rectangle

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



24.1097, 18.2767, 6.5320



16.3081, 18.2767, 3.8728



12.0226, 18.2767, 44.7570



18.4800, 18.2767, 57.0396

Sweetspot

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



24.1101, 18.2777, 6.5323



65.5806, 64.4194, 57.5326



26.3694, 15.3617, 30.2048



14.0886, 13.6824, 11.8154



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.1101, 18.2777, 6.5323



40.0840, 27.4131, 5.9136



31.5856, 33.2287, 9.0242



9.2030, 9.4089, 9.4379



14.5003, 8.7769, 0.9299



0.5651, 0.4173, 0.0508

Inverse Universe

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



20.8961, 25.5163, 48.0795



33.6968, 41.1309, 86.3988



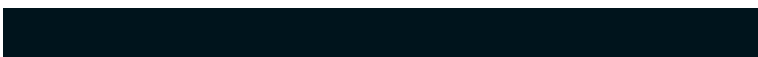
13.8352, 11.3945, 45.7259



9.0494, 9.7760, 11.4894



11.7783, 14.0162, 33.3377



0.4645, 0.5926, 1.1917

Previews

White Background



This preview shows how the XYZ color 24.1097, 18.2767, 6.5320 looks on a white background.

Color Contrast Check

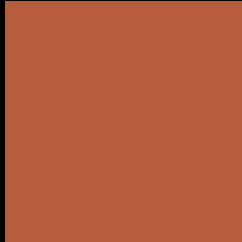
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.1097, 18.2767, 6.5320 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 24.1097, 18.2767, 6.5320

Background



This preview shows how black text looks on a background with the XYZ color 24.1097, 18.2767, 6.5320.



This preview shows how white text looks on a background with the XYZ color 24.1097, 18.2767,

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

24.1097, 18.2767, 6.5320

Protanopia

17.0311, 18.4486, 8.2935

Deuteranopia

18.6516, 18.2988, 6.2904



Tritanopia

25.5346, 18.3472, 13.2619

Trichromacy



Original Color

24.1097, 18.2767, 6.5320

Protanomaly

19.1370, 18.0292, 7.6256

Deuteranomaly

20.3898, 18.0771, 6.2855

Tritanomaly

24.8309, 18.1740, 10.3828

Monochromacy



Original Color

24.1097, 18.2767, 6.5320

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.2891, 17.1451, 13.4117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1097, 18.2767, 6.5320 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(182, 94, 60)` looks like.

```
.text, #text, p{  
    color:rgb(182, 94, 60)  
}
```

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(182, 94, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 94, 60) }
```

Border

The CSS property to change the border of an element to XYZ 24.1097, 18.2767, 6.5320 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(182, 94, 60) }
```


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

```
.border{ border-color:rgb(182, 94, 60) }
```

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

Here you see how a box with a 4 pixel rgb(182, 94, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 94, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 94, 60);  
box-shadow:4px 4px 4px 4px rgb(182, 94,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1097, 18.2767, 6.5320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 94, 60) }
```

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

```
.background{ background-color: rgb(182, 94,  
60) }
```

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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