

Converting Colors

XYZ(24.0283, 18.5053, 6.4431)

Have a look what the booklet for
XYZ(24.0283, 18.5053, 6.4431)
contains.

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Color

**XYZ(24.0283, 18.5053,
6.4431)**

Conversions

Conversions Part 1

Format	Color
Hex	B5603B
RGB	181, 96, 59
RGB Percent	71%, 38%, 23%
CMY	0.2902, 0.6235, 0.7686
CMYK	0.00, 0.47, 0.67, 0.29
HSL	18°, 51%, 47%
HSV	18°, 67%, 71%
XYZ	24.0283, 18.5053, 6.4431
YIQ	117.1970, 62.5370, 6.5130

Conversions

Conversions Part 2

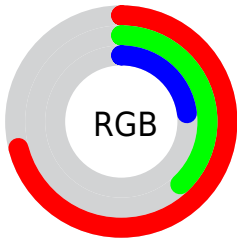
Format	Color
RYB	181, 112, 59
Decimal	11886651
CIELab	50.10, 31.23, 36.03
CIELCh	50, 47.682, 49.090
Yxy	18.5053, 0.4906, 0.3778
Android (android.graphics.Color)	4290076731 (0xFFB5603B)
YUV	117.1970, -28.6911, 55.9552
Hunter-Lab	43.0178, 24.4230, 21.2321

Details

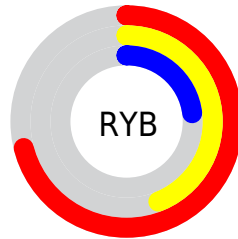
The XYZ color **24.0283, 18.5053, 6.4431** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **20.1165, 24.2108, 47.3285**, and the grayscale version is **17.0428, 17.9304, 19.5262**.

A 20% lighter version of the original color is **49.5723, 40.9633, 19.4813**, and **9.2575, 6.2730, 1.1037** is the 20% darker color. If you saturate the color by 10%, you get **22.5780, 16.2304, 4.0316**, and if you desaturate by 10%, it is **25.8267, 21.2164, 9.7738**.

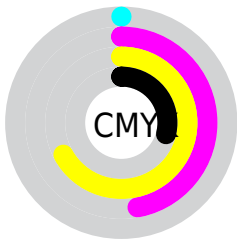
Distribution



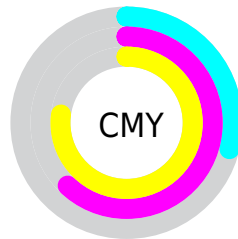
- Red (71%)
- Green (38%)
- Blue (23%)



- Red (71%)
- Yellow (44%)
- Blue (23%)



- Cyan (0%)
- Magenta (47%)
- Yellow (67%)
- Black (29%)





- Cyan (29%)
- Magenta (62%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.0283, 18.5053, 6.4431 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 24.0283, 18.5053, 6.4431 by changing the saturation by 10% instead.


 24.0283, 18.5053,
6.4431


 24.0283, 18.5053,
6.4431


265.4013,
243.7040, 172.4040


 15.4795, 11.3134,
3.0432


 49.5307, 40.8965,
19.3372


 9.2451, 6.2780,
1.1167


 67.2150, 56.8645,
29.6685

 4.9598, 3.0149,
0.0000

 88.6752, 76.5267,
43.1474

 2.2582, 1.1395,
0.0000

 114.2765,
100.2675, 60.1924

 0.7731, 0.0114,
0.0000

 144.3845,
128.4712, 81.2220

 0.0000, 0.0000,
0.0000

 179.3644,

161.5222, 106.6548

219.5815,
199.8050, 136.9093

■ 24.0283, 18.5053,
6.4431

■ 24.0283, 18.5053,
6.4431

■ 22.5780, 16.2304,
4.0316

■ 25.8267, 21.2164,
9.7738

■ 21.4482, 14.3641,
2.4423

■ 27.9954, 24.3832,
14.1053

■ 20.6036, 12.8779,
1.5348

■ 30.5558, 28.0274,
19.5111

■ 20.4174, 12.5467,
1.3456

■ 33.5275, 32.1685,
26.0575

■ 36.9283, 36.8248,
33.8053

■ 40.7754, 42.0135,
42.8113

■ 45.0845, 47.7512,
53.1283

■ 49.8710, 54.0537,
64.8062

■ 55.1492, 60.9360,
77.8923

Harmonies

Analogous

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



27.3225, 18.5053, 12.9584



24.0283, 18.5053, 6.4431



19.3135, 18.5053, 4.1213

Triad

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



24.0283, 18.5053, 6.4431



10.2649, 18.5053, 15.7316



20.6376, 18.5053, 54.7410

Complementary

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



24.0283, 18.5053, 6.4431



20.1165, 24.2108, 47.3285

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.



15.9698, 18.5053, 56.5789



24.0283, 18.5053, 6.4431



10.4942, 18.5053, 29.6031

Square

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



24.0283, 18.5053, 6.4431



11.7238, 18.5053, 7.7109



12.4166, 18.5053, 45.9404



25.1416, 18.5053, 41.6621

Rectangle

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



24.0283, 18.5053, 6.4431



16.2303, 18.5053, 4.0731



12.4166, 18.5053, 45.9404



19.0209, 18.5053, 56.8571

Sweetspot

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



24.0287, 18.5063, 6.4434



64.2715, 63.4110, 56.2484



25.6845, 14.9776, 28.0833



13.5244, 13.2034, 11.3195



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.



24.0287, 18.5063, 6.4434



39.3669, 27.3251, 5.6392



31.8346, 34.1181, 9.0454



8.6996, 8.9117, 8.9141



14.1299, 8.7584, 0.9458



0.4973, 0.3810, 0.0473

Inverse Universe

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



20.1165, 24.2108, 47.3285



31.7155, 37.9520, 83.9485



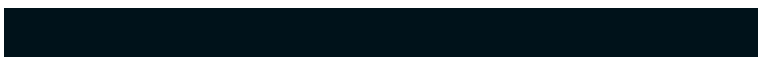
13.2681, 10.5140, 45.0457



8.5208, 9.1877, 10.8306



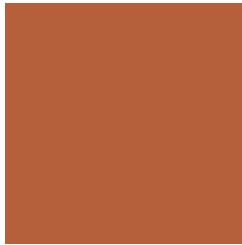
10.9650, 12.7303, 32.0163



0.3934, 0.4974, 1.0235

Previews

White Background



This preview shows how the XYZ color 24.0283, 18.5053, 6.4431 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 24.0283, 18.5053, 6.4431 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 24.0283, 18.5053, 6.4431

Background



This preview shows how black text looks on a background with the XYZ color 24.0283, 18.5053, 6.4431.



This preview shows how white text looks on a background with the XYZ color 24.0283, 18.5053,

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

24.0283, 18.5053, 6.4431

Protanopia

17.2453, 18.7437, 8.0192

Deuteranopia

18.9196, 18.6064, 6.2086



Tritanopia

25.4741, 18.4313, 13.7702

Trichromacy



Original Color

24.0283, 18.5053, 6.4431

Protanomaly

19.1875, 18.2231, 7.3566

Deuteranomaly

20.4687, 18.2745, 6.1899

Tritanomaly

24.8060, 18.4139, 10.6343

Monochromacy



Original Color

24.0283, 18.5053, 6.4431

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.3952, 17.3573, 13.4471

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0283, 18.5053, 6.4431 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(181, 96, 59)` looks like.

```
.text, #text, p{  
    color:rgb(181, 96, 59)  
}
```

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(181, 96, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 96, 59) }
```

Border

The CSS property to change the border of an element to XYZ 24.0283, 18.5053, 6.4431 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(181, 96, 59) }
```


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

```
.border{ border-color:rgb(181, 96, 59) }
```

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

Here you see how a box with a 4 pixel rgb(181, 96, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 96, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 96, 59);  
box-shadow:4px 4px 4px 4px rgb(181, 96,  
59) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0283, 18.5053, 6.4431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 96, 59) }
```

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

```
.background{ background-color: rgb(181, 96,  
59) }
```

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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