

Converting Colors

XYZ(24.0470, 18.3178, 4.1494)

Have a look what the booklet for
XYZ(24.0470, 18.3178, 4.1494)
contains.

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Color

**XYZ(24.1361, 18.3422,
4.1878)**

Conversions

Conversions Part 1

Format	Color
Hex	B85E27
RGB	184, 94, 39
RGB Percent	72%, 37%, 15%
CMY	0.2784, 0.6314, 0.8470
CMYK	0.00, 0.49, 0.79, 0.28
HSL	23°, 65%, 44%
HSV	23°, 79%, 72%
XYZ	24.1361, 18.3422, 4.1878
YIQ	114.6400, 71.2950, 1.9750

Conversions

Conversions Part 2

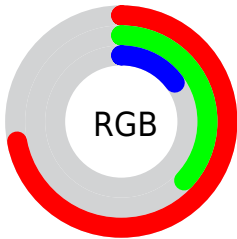
Format	Color
RYB	184, 128, 39
Decimal	12082727
CIELab	49.91, 32.54, 46.12
CIELCh	50, 56.446, 54.800
Yxy	18.3422, 0.5172, 0.3931
Android (android.graphics.Color)	4290272807 (0xFFB85E27)
YUV	114.6400, -37.2905, 60.8287
Hunter-Lab	42.8278, 25.6471, 24.1819

Details

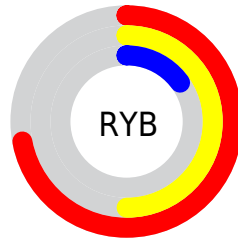
The XYZ color **24.1361, 18.3422, 4.1878** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **17.3383, 19.5916, 48.2149**, and the grayscale version is **16.2814, 17.1293, 18.6538**.

A 20% lighter version of the original color is **49.6965, 40.6748, 14.4643**, and **9.3958, 6.2367, 0.7086** is the 20% darker color. If you saturate the color by 10%, you get **22.9604, 16.3662, 2.6391**, and if you desaturate by 10%, it is **25.6107, 20.6798, 6.5655**.

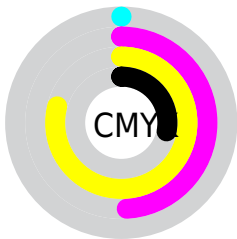
Distribution



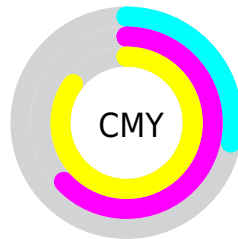
- Red (72%)
- Green (37%)
- Blue (15%)



- Red (72%)
- Yellow (50%)
- Blue (15%)



- Cyan (0%)
- Magenta (49%)
- Yellow (79%)
- Black (28%)



- Cyan (28%)
- Magenta (63%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1361, 18.3422, 4.1878 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 24.1361, 18.3422, 4.1878 by changing the saturation by 10% instead.

■ 24.1361, 18.3422,
4.1878

■ 24.1361, 18.3422,
4.1878

265.9356,
242.7928, 150.2904

■ 15.5599, 11.1959,
1.7289

■ 49.7053, 40.6196,
14.4406

■ 9.3021, 6.1988,
0.3804

■ 67.4289, 56.5195,
23.0716

■ 4.9975, 2.9663,
0.0000

■ 88.9325, 76.1060,
34.5971

■ 2.2805, 1.1142,
0.0000

■ 114.5812, 99.7637,
49.4356

■ 0.7847, 0.0000,
0.0000

■ 144.7406,
127.8768, 68.0057

■ 0.0000, 0.0000,
0.0000

■ 179.7758,

160.8298, 90.7258

220.0524,
199.0070, 118.0145

■ 24.1361, 18.3422,
4.1878

■ 24.1361, 18.3422,
4.1878

■ 22.9604, 16.3662,
2.6391

■ 25.6107, 20.6798,
6.5655

■ 22.0429, 14.7227,
1.7432

■ 27.4080, 23.3960,
9.8728

■ 21.9446, 14.5454,
1.6509

■ 29.5504, 26.5099,
14.1968

■ 32.0576, 30.0382,
19.6140

■ 34.9477, 33.9965,
26.1935

■ 38.2373, 38.3996,
33.9989

■ 41.9422, 43.2615,
43.0889

■ 46.0772, 48.5956,
53.5184

■ 50.6564, 54.4146,
65.3392

Harmonies

Analogous

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



28.6709, 18.3422, 9.9083



24.1361, 18.3422, 4.1878



18.3926, 18.3422, 2.5769

Triad

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



24.1361, 18.3422, 4.1878



8.9974, 18.3422, 17.3939



22.1660, 18.3422, 61.0016

Complementary

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



24.1361, 18.3422, 4.1878



17.3383, 19.5916, 48.2149

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.



16.5088, 18.3422, 66.6901



24.1361, 18.3422, 4.1878



9.5995, 18.3422, 35.2368

Square

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



24.1361, 18.3422, 4.1878



10.2462, 18.3422, 7.2595



12.1034, 18.3422, 55.4979



27.3787, 18.3422, 42.5077

Rectangle

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



24.1361, 18.3422, 4.1878



14.9116, 18.3422, 2.8041



12.1034, 18.3422, 55.4979



20.2253, 18.3422, 64.7763

Sweetspot

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



24.1365, 18.3432, 4.1881



65.8863, 65.0405, 53.4307



24.5781, 13.2757, 22.6808



13.7621, 13.4272, 10.4802



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.



24.1365, 18.3432, 4.1881



40.3017, 27.3034, 3.4933



33.5284, 37.1270, 7.3187



9.2763, 9.5556, 9.4624



15.1877, 10.1517, 1.1590



0.5958, 0.4788, 0.0610

Inverse Universe

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



17.3383, 19.5916, 48.2149



27.2785, 29.2384, 86.4105



11.0185, 6.9521, 46.1083



8.9727, 9.6227, 11.4639



10.1954, 10.8504, 32.8101



0.4171, 0.4978, 1.1759

Previews

White Background



This preview shows how the XYZ color 24.1361, 18.3422, 4.1878 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 24.1361, 18.3422, 4.1878 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 24.1361, 18.3422, 4.1878

Background



This preview shows how black text looks on a background with the XYZ color 24.1361, 18.3422, 4.1878.



This preview shows how white text looks on a background with the XYZ color 24.1361, 18.3422,

4.1878.

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

24.1361, 18.3422, 4.1878

Protanopia

16.8825, 18.6167, 5.2884

Deuteranopia

18.7435, 18.3986, 3.9299



Tritanopia

26.0036, 18.3524, 12.7615

Trichromacy



Original Color

24.1361, 18.3422, 4.1878

Protanomaly

19.0694, 18.2187, 4.7970

Deuteranomaly

20.3577, 18.1108, 4.0129

Tritanomaly

25.1419, 18.2458, 8.6752

Monochromacy



Original Color

24.1361, 18.3422, 4.1878

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.7932, 16.7790, 11.3177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1361, 18.3422, 4.1878 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(184, 94, 39)` looks like.

```
.text, #text, p{  
    color:rgb(184, 94, 39)  
}
```

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(184, 94, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 94, 39) }
```

Border

The CSS property to change the border of an element to XYZ 24.1361, 18.3422, 4.1878 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(184, 94, 39) }
```


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

```
.border{ border-color:rgb(184, 94, 39) }
```

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

Here you see how a box with a 4 pixel rgb(184, 94, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 94, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 94, 39);  
box-shadow:4px 4px 4px 4px rgb(184, 94,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1361, 18.3422, 4.1878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 94, 39) }
```

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

```
.background{ background-color: rgb(184, 94,  
39) }
```

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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