

Converting Colors

XYZ(24.0068, 16.1621, 4.1398)

Have a look what the booklet for
XYZ(24.0068, 16.1621, 4.1398)
contains.

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Color

**XYZ(24.0068, 16.1621,
4.1398)**

Conversions

Conversions Part 1

Format	Color
Hex	BD4C2B
RGB	189, 76, 43
RGB Percent	74%, 30%, 17%
CMY	0.2588, 0.7019, 0.8314
CMYK	0.00, 0.60, 0.77, 0.26
HSL	14°, 63%, 45%
HSV	14°, 77%, 74%
XYZ	24.0068, 16.1621, 4.1398
YIQ	106.0250, 77.9410, 13.6930

Conversions

Conversions Part 2

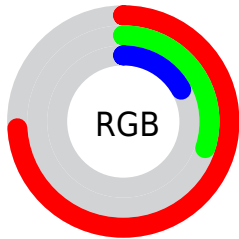
Format	Color
RYB	189, 86, 43
Decimal	12405803
CIELab	47.19, 43.70, 41.69
CIELCh	47, 60.400, 43.649
Yxy	16.1621, 0.5418, 0.3648
Android (android.graphics.Color)	4290595883 (0xFFBD4C2B)
YUV	106.0250, -31.0713, 72.7691
Hunter-Lab	40.2021, 36.2381, 22.0361

Details

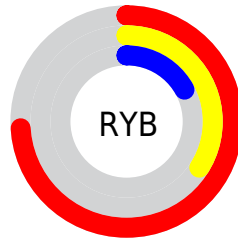
The XYZ color **24.0068, 16.1621, 4.1398** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **22.0691, 27.9627, 52.3781**, and the grayscale version is **13.7746, 14.4919, 15.7817**.

A 20% lighter version of the original color is **49.5222, 36.9651, 14.4224**, and **9.3214, 5.2035, 0.5131** is the 20% darker color. If you saturate the color by 10%, you get **22.8412, 14.2633, 2.4189**, and if you desaturate by 10%, it is **25.5629, 18.5852, 6.7832**.

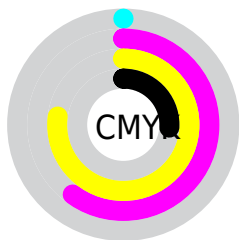
Distribution



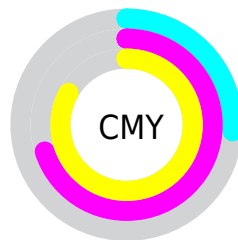
- Red (74%)
- Green (30%)
- Blue (17%)



- Red (74%)
- Yellow (34%)
- Blue (17%)



- Cyan (0%)
- Magenta (60%)
- Yellow (77%)
- Black (26%)





- Cyan (26%)
- Magenta (70%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.0068, 16.1621, 4.1398 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 24.0068, 16.1621, 4.1398 by changing the saturation by 10% instead.

 24.0068, 16.1621,
4.1398


 24.0068, 16.1621,
4.1398


265.2947,
230.2963, 149.7668


 15.4634, 9.6389,
1.7023


 49.4959, 36.8794,
14.3309


 9.2337, 5.1602,
0.3623


 67.1723, 51.8423,
22.9217


 4.9523, 2.3416,
0.0000

 88.6238, 70.3872,
34.4006

 2.2537, 0.7956,
0.0000

 114.2157, 92.8986,
49.1862

 0.7708, 0.0000,
0.0000

 144.3134,
119.7608, 67.6971

 0.0000, 0.0000,
0.0000

 179.2822,

151.3583, 90.3518

219.4875,
188.0753, 117.5689

■ 24.0068, 16.1621,
4.1398

■ 24.0068, 16.1621,
4.1398

■ 22.8412, 14.2633,
2.4189

■ 25.5629, 18.5852,
6.7832

■ 22.0213, 12.8434,
1.4677

■ 27.5422, 21.5663,
10.4566

■ 21.8402, 12.5267,
1.2668

■ 29.9751, 25.1393,
15.2534

■ 32.8886, 29.3343,
21.2561

■ 36.3077, 34.1796,
28.5395

■ 40.2554, 39.7015,
37.1723

■ 44.7533, 45.9251,
47.2182

■ 49.8219, 52.8739,
58.7371

■ 55.4805, 60.5704,
71.7851

Harmonies

Analogous

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



27.5871, 16.1621, 11.5550



24.0068, 16.1621, 4.1398



18.4221, 16.1621, 1.8039

Triad

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



24.0068, 16.1621, 4.1398



7.4936, 16.1621, 10.5770



17.9017, 16.1621, 64.1170

Complementary

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



24.0068, 16.1621, 4.1398



22.0691, 27.9627, 52.3781

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.



12.6603, 16.1621, 63.2750



24.0068, 16.1621, 4.1398



7.4166, 16.1621, 25.4479

Square

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



24.0068, 16.1621, 4.1398



9.3320, 16.1621, 3.7790



9.0897, 16.1621, 46.5187



23.5509, 16.1621, 48.4091

Rectangle

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



24.0068, 16.1621, 4.1398



14.7202, 16.1621, 1.5686



9.0897, 16.1621, 46.5187



16.0213, 16.1621, 65.9509

Sweetspot

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



24.0072, 16.1630, 4.1401



67.6561, 64.9068, 56.8202



27.9673, 14.9935, 33.4827



14.0211, 13.2166, 11.0724



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



24.0072, 16.1630, 4.1401



39.7925, 23.6250, 2.9987



31.9548, 32.0582, 6.7893



9.7005, 9.8769, 9.9718



14.7433, 8.5254, 0.8685



0.6282, 0.4353, 0.0509

Inverse Universe

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



22.0691, 27.9627, 52.3781



35.8281, 44.9879, 93.0214



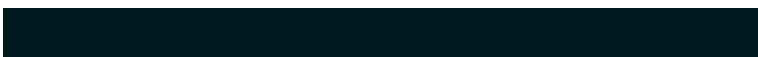
13.3805, 10.5856, 49.4819



9.6207, 10.4337, 12.1791



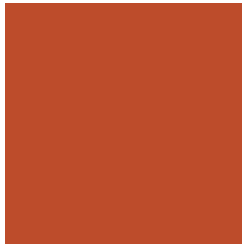
13.1838, 16.4794, 34.8789



0.5622, 0.7371, 1.3815

Previews

White Background



This preview shows how the XYZ color 24.0068, 16.1621, 4.1398 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 24.0068, 16.1621, 4.1398 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0068, 16.1621, 4.1398

Background



This preview shows how black text looks on a background with the XYZ color 24.0068, 16.1621, 4.1398.



This preview shows how white text looks on a background with the XYZ color 24.0068, 16.1621,

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

24.0068, 16.1621, 4.1398

Protanopia

15.0284, 16.4366, 5.8705

Deuteranopia

16.5456, 16.2995, 3.8642



Tritanopia

24.8921, 16.1177, 8.8202

Trichromacy



Original Color

24.0068, 16.1621, 4.1398

Protanomaly

17.3456, 15.6405, 5.1223

Deuteranomaly

18.6333, 15.7748, 3.8965

Tritanomaly

24.5719, 16.0939, 6.8124

Monochromacy



Original Color

24.0068, 16.1621, 4.1398

Achromatopsia

13.6994, 14.4128, 15.6956

Achromatomaly

15.8069, 14.0432, 10.0611

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0068, 16.1621, 4.1398 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(189, 76, 43)` looks like.

```
.text, #text, p{  
    color:rgb(189, 76, 43)  
}
```

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(189, 76, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 76, 43) }
```

Border

The CSS property to change the border of an element to XYZ 24.0068, 16.1621, 4.1398 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(189, 76, 43) }
```


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

```
.border{ border-color:rgb(189, 76, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 76, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 76, 43); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 76, 43); box-shadow:4px 4px 4px 4px rgb(189, 76, 43) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0068, 16.1621, 4.1398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 76, 43) }
```

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

```
.background{ background-color: rgb(189, 76,  
43) }
```

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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