

Converting Colors

XYZ(24.1052, 16.2901, 2.0564)

Have a look what the booklet for
XYZ(24.1052, 16.2901, 2.0564)
contains.

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Color

**XYZ(24.1032, 16.2584,
2.0401)**

Conversions

Conversions Part 1

Format	Color
Hex	BF4C06
RGB	191, 76, 6
RGB Percent	75%, 30%, 2%
CMY	0.2510, 0.7019, 0.9765
CMYK	0.00, 0.60, 0.97, 0.25
HSL	23°, 94%, 39%
HSV	23°, 97%, 75%
XYZ	24.1032, 16.2584, 2.0401
YIQ	102.4050, 91.0100, 2.6100

Conversions

Conversions Part 2

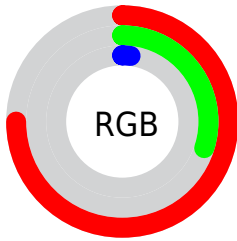
Format	Color
RYB	191, 119, 6
Decimal	12536838
CIELab	47.31, 43.59, 56.04
CIElCh	47, 70.993, 52.124
Yxy	16.2584, 0.5684, 0.3834
Android (android.graphics.Color)	4290726918 (0xFFBF4C06)
YUV	102.4050, -47.5277, 77.6978
Hunter-Lab	40.3217, 36.1394, 25.2254

Details

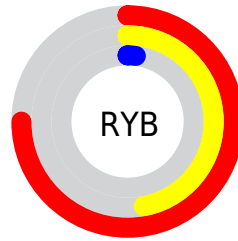
The XYZ color **24.1032, 16.2584, 2.0401** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **16.3159, 17.4740, 51.8028**, and the grayscale version is **12.8403, 13.5090, 14.7113**.

A 20% lighter version of the original color is **49.4617, 36.8570, 9.0646**, and **9.3214, 5.2035, 0.5131** is the 20% darker color. If you saturate the color by 10%, you get **23.8209, 15.7467, 1.7839**, and if you desaturate by 10%, it is **25.1422, 18.1066, 3.0954**.

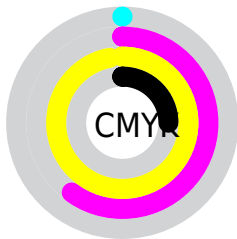
Distribution



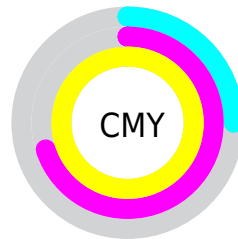
- Red (75%)
- Green (30%)
- Blue (2%)



- Red (75%)
- Yellow (47%)
- Blue (2%)



- Cyan (0%)
- Magenta (60%)
- Yellow (97%)
- Black (25%)



- Cyan (25%)
- Magenta (70%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1032, 16.2584, 2.0401 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 24.1032, 16.2584, 2.0401 by changing the saturation by 10% instead.

■ 24.1032, 16.2584,
2.0401

■ 24.1032, 16.2584,
2.0401

265.7726,
230.8617, 122.9964

■ 15.5353, 9.7072,
0.5798

■ 49.6520, 37.0462,
9.1501

■ 9.2847, 5.2052,
0.0000

■ 67.3637, 52.0516,
15.6858

■ 4.9859, 2.3682,
0.0000

■ 88.8540, 70.6439,
24.7666

■ 2.2737, 0.8094,
0.0000

■ 114.4883, 93.2074,
36.8110

■ 0.7812, 0.0000,
0.0000


■ 144.6319,
120.1265, 52.2377


■ 0.0000, 0.0000,
0.0000


■ 179.6503,


151.7857, 71.4651


 219.9087,
188.5693, 94.9118


 24.1032, 16.2584,
2.0401


 24.1032, 16.2584,
2.0401


 23.8209, 15.7467,
1.7839

 25.1422, 18.1066,
3.0954

 26.4776, 20.3265,
4.9308

 28.1442, 22.9442,
7.6925

 30.1689, 25.9811,
11.4881

 32.5750, 29.4569,
16.4104

■ 35.3839, 33.3897,
22.5417

■ 38.6152, 37.7965,
29.9565

■ 42.2870, 42.6933,
38.7232

■ 46.4162, 48.0955,
48.9054

Harmonies

Analogous

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



29.5342, 16.2584, 7.6206



24.1032, 16.2584, 2.0401



17.1654, 16.2584, 0.7864

Triad

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



24.1032, 16.2584, 2.0401



6.3207, 16.2584, 13.3789



20.4547, 16.2584, 72.8482

Complementary

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



24.1032, 16.2584, 2.0401



16.3159, 17.4740, 51.8028

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.



13.8587, 16.2584, 78.6918



24.1032, 16.2584, 2.0401



6.7570, 16.2584, 34.1570

Square

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



24.1032, 16.2584, 2.0401



7.7545, 16.2584, 3.8372



9.1683, 16.2584, 61.3575



27.0614, 16.2584, 48.5030

Rectangle

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



24.1032, 16.2584, 2.0401



13.0560, 16.2584, 0.8503



9.1683, 16.2584, 61.3575



18.1270, 16.2584, 77.4960

Sweetspot

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



24.1036, 16.2593, 2.0404



67.5799, 65.5570, 49.9686



25.1365, 12.6409, 19.9090



14.2894, 13.6452, 9.7081



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



24.1036, 16.2593, 2.0404



42.4485, 27.7721, 3.1233



35.2155, 38.4832, 5.7443



9.8181, 10.1121, 10.0110



15.7270, 10.4928, 1.1964



0.6795, 0.5380, 0.0680

Inverse Universe

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



16.3159, 17.4740, 51.8028



28.3571, 29.7661, 92.5300



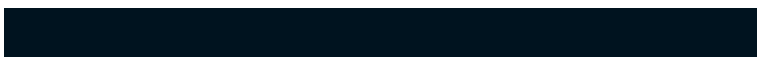
9.9605, 4.7631, 49.6843



9.4970, 10.1863, 12.1378



10.5735, 11.2588, 34.0088



0.4753, 0.5633, 1.3525

Previews

White Background



This preview shows how the XYZ color 24.1032, 16.2584, 2.0401 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 24.1032, 16.2584, 2.0401 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 24.1032, 16.2584, 2.0401

Background



This preview shows how black text looks on a background with the XYZ color 24.1032, 16.2584, 2.0401.



This preview shows how white text looks on a background with the XYZ color 24.1032, 16.2584,

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

24.1032, 16.2584, 2.0401

Protanopia

14.7838, 16.3728, 3.0429

Deuteranopia

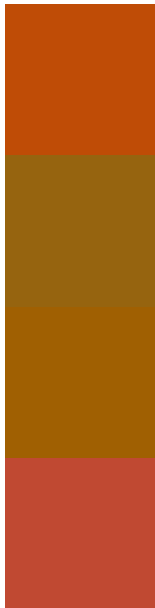
16.5854, 16.3550, 2.2827



Tritanopia

25.5156, 16.3519, 8.4680

Trichromacy



Original Color

24.1032, 16.2584, 2.0401

Protanomaly

17.2211, 15.6329, 2.5617

Deuteranomaly

18.6910, 15.8437, 2.1304

Tritanomaly

24.6965, 16.2018, 4.8432

Monochromacy



Original Color

24.1032, 16.2584, 2.0401

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

14.7590, 13.3023, 7.0999

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1032, 16.2584, 2.0401 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(191, 76, 6)` looks like.

```
.text, #text, p{  
    color:rgb(191, 76, 6)  
}
```

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(191, 76, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 76, 6) }
```

Border

The CSS property to change the border of an element to XYZ 24.1032, 16.2584, 2.0401 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(191, 76, 6) }
```


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

```
.border{ border-color:rgb(191, 76, 6) }
```

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

Here you see how a box with a 4 pixel rgb(191, 76, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 76, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 76, 6);  
box-shadow:4px 4px 4px 4px rgb(191, 76, 6)  
}
```

Background

The CSS property to change the background color of an element to XYZ 24.1032, 16.2584, 2.0401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 76, 6) }
```

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

```
.background{ background-color: rgb(191, 76,  
6) }
```

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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