

Converting Colors

XYZ(24.4875, 18.8244, 3.1752)

Have a look what the booklet for
XYZ(24.4875, 18.8244, 3.1752)
contains.

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Color

**XYZ(24.5872, 18.8667,
3.1564)**

Conversions

Conversions Part 1

Format	Color
Hex	BA6017
RGB	186, 96, 23
RGB Percent	73%, 38%, 9%
CMY	0.2706, 0.6235, 0.9098
CMYK	0.00, 0.48, 0.88, 0.27
HSL	27°, 78%, 41%
HSV	27°, 88%, 73%
XYZ	24.5872, 18.8667, 3.1564
YIQ	114.5880, 77.0730, -3.6230

Conversions

Conversions Part 2

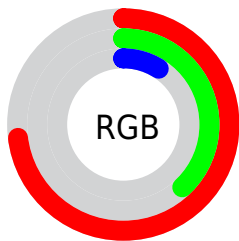
Format	Color
RYB	186, 155, 23
Decimal	12214295
CIELab	50.53, 31.82, 53.27
CIElCh	51, 62.047, 59.153
Yxy	18.8667, 0.5275, 0.4048
Android (android.graphics.Color)	4290404375 (0xFFBA6017)
YUV	114.5880, -45.1529, 62.6283
Hunter-Lab	43.4358, 25.0287, 26.0966

Details

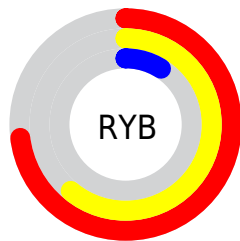
The XYZ color **24.5872, 18.8667, 3.1564** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **15.1210, 15.5369, 48.6559**, and the grayscale version is **16.2875, 17.1357, 18.6608**.

A 20% lighter version of the original color is **50.5713, 41.6443, 12.0294**, and **9.6207, 6.4687, 0.7415** is the 20% darker color. If you saturate the color by 10%, you get **23.5804, 17.0623, 2.1770**, and if you desaturate by 10%, it is **25.8428, 20.9683, 4.8387**.

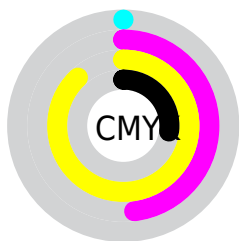
Distribution



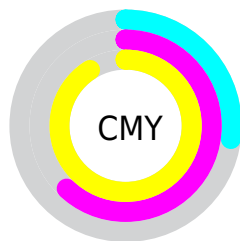
- Red (73%)
- Green (38%)
- Blue (9%)



- Red (73%)
- Yellow (61%)
- Blue (9%)



- Cyan (0%)
- Magenta (48%)
- Yellow (88%)
- Black (27%)





- Cyan (27%)
- Magenta (62%)
- Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.5872, 18.8667, 3.1564 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 24.5872, 18.8667, 3.1564 by changing the saturation by 10% instead.


 24.5872, 18.8667,
3.1564


 24.5872, 18.8667,
3.1564


268.1616,
245.7119, 138.3283


 15.8969, 11.5740,
1.1750


 50.4345, 41.5087,
12.0120


 9.5416, 6.4543,
0.0000


 68.3221, 57.6269,
19.7233

 5.1560, 3.1232,
0.0000

 90.0063, 77.4556,
30.1817

 2.3748, 1.1964,
0.0000

 115.8522,
101.3793, 43.8056

 0.8325, 0.0588,
0.0000

 146.2254,
129.7824, 61.0137

 0.0000, 0.0000,
0.0000

 181.4911,

163.0492, 82.2245

222.0147,
201.5643, 107.8565

24.5872, 18.8667,
3.1564

24.5872, 18.8667,
3.1564

23.5804, 17.0623,
2.1770

25.8428, 20.9683,
4.8387

23.3662, 16.6723,
1.9865

27.3789, 23.3842,
7.3738

29.2190, 26.1315,
10.8635

31.3836, 29.2247,
15.3950

33.8908, 32.6774,
21.0451

■ 36.7573, 36.5022,
27.8838

■ 39.9987, 40.7110,
35.9748

■ 43.6295, 45.3150,
45.3777

■ 47.6632, 50.3250,
56.1480

Harmonies

Analogous

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



30.1393, 18.8667, 8.2068



24.5872, 18.8667, 3.1564



18.1049, 18.8667, 1.9884

Triad

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



24.5872, 18.8667, 3.1564



8.6301, 18.8667, 20.0535



24.2210, 18.8667, 65.5735

Complementary

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



24.5872, 18.8667, 3.1564



15.1210, 15.5369, 48.6559

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.



17.7606, 18.8667, 75.1522



24.5872, 18.8667, 3.1564



9.5668, 18.8667, 41.4363

Square

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



24.5872, 18.8667, 3.1564



9.6804, 18.8667, 7.7523



12.6015, 18.8667, 64.5104



29.8966, 18.8667, 42.8146

Rectangle

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



24.5872, 18.8667, 3.1564



14.3781, 18.8667, 2.4024



12.6015, 18.8667, 64.5104



22.0286, 18.8667, 70.8642

Sweetspot

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



24.5876, 18.8677, 3.1567



67.2954, 67.0429, 52.1822



23.6717, 12.2982, 17.4570



14.3985, 14.2092, 10.4652



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.



24.5876, 18.8677, 3.1567



42.1192, 29.7522, 3.5228



35.7600, 41.2126, 6.8809



9.3269, 9.6567, 9.4793



15.7928, 11.3620, 1.3607



0.6187, 0.5244, 0.0686

Inverse Universe

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



15.1210, 15.5369, 48.6559



24.5553, 23.4073, 87.4253



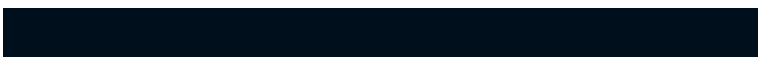
9.7846, 4.8640, 46.8771



8.9211, 9.5194, 11.4467



9.2811, 9.0219, 32.5053



0.3880, 0.4396, 1.1662

Previews

White Background



This preview shows how the XYZ color 24.5872, 18.8667, 3.1564 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 24.5872, 18.8667, 3.1564 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 24.5872, 18.8667, 3.1564

Background



This preview shows how black text looks on a background with the XYZ color 24.5872, 18.8667, 3.1564.



This preview shows how white text looks on a background with the XYZ color 24.5872, 18.8667,

3.1564.

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

24.5872, 18.8667, 3.1564

Protanopia

17.2251, 19.0027, 3.9883

Deuteranopia

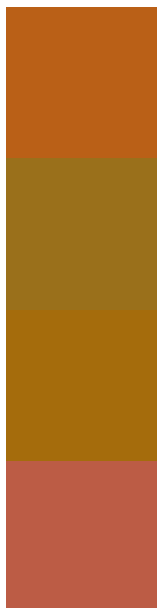
19.2950, 19.0447, 2.8026



Tritanopia

26.7538, 18.9757, 13.3189

Trichromacy



Original Color

24.5872, 18.8667, 3.1564

Protanomaly

19.3184, 18.5375, 3.5968

Deuteranomaly

20.9460, 18.7510, 2.8632

Tritanomaly

25.6404, 18.7753, 7.9028

Monochromacy



Original Color

24.5872, 18.8667, 3.1564

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.8701, 16.9970, 10.3215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5872, 18.8667, 3.1564 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(186, 96, 23)` looks like.

```
.text, #text, p{  
    color:rgb(186, 96, 23)  
}
```

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(186, 96, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 96, 23) }
```

Border

The CSS property to change the border of an element to XYZ 24.5872, 18.8667, 3.1564 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(186, 96, 23) }
```


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

```
.border{ border-color:rgb(186, 96, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 96, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 96, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 96, 23);  
box-shadow:4px 4px 4px 4px rgb(186, 96,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5872, 18.8667, 3.1564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 96, 23) }
```

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

```
.background{ background-color: rgb(186, 96,  
23) }
```

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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