

Converting Colors

XYZ(25.6277, 20.1834, 3.0204)

Have a look what the booklet for
XYZ(25.6277, 20.1834, 3.0204)
contains.

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Color

**XYZ(25.5839, 20.2315,
3.0469)**

Conversions

Conversions Part 1

Format	Color
Hex	BC6610
RGB	188, 102, 16
RGB Percent	74%, 40%, 6%
CMY	0.2627, 0.6000, 0.9372
CMYK	0.00, 0.46, 0.91, 0.26
HSL	30°, 84%, 40%
HSV	30°, 91%, 74%
XYZ	25.5839, 20.2315, 3.0469
YIQ	117.9100, 78.8620, -8.5140

Conversions

Conversions Part 2

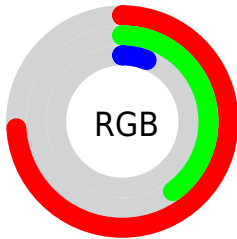
Format	Color
RYB	188, 188, 16
Decimal	12346896
CIELab	52.10, 29.31, 56.69
CIELCh	52, 63.819, 62.661
Yxy	20.2315, 0.5236, 0.4141
Android (android.graphics.Color)	4290536976 (0xFFBC6610)
YUV	117.9100, -50.2416, 61.4689
Hunter-Lab	44.9794, 22.8152, 27.4693

Details

The XYZ color **25.5839, 20.2315, 3.0469** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **14.0420, 13.2435, 49.3926**, and the grayscale version is **17.3275, 18.2299, 19.8523**.

A 20% lighter version of the original color is **52.1173, 43.8901, 11.6860**, and **10.1752, 7.1354, 0.8410** is the 20% darker color. If you saturate the color by 10%, you get **24.7419, 18.6973, 2.3049**, and if you desaturate by 10%, it is **26.7681, 22.2690, 4.4625**.

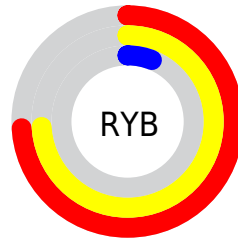
Distribution



Red (74%)

Green (40%)

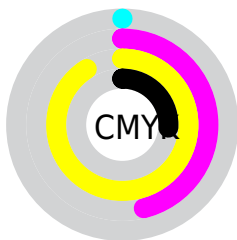
Blue (6%)



Red (74%)

Yellow (74%)

Blue (6%)

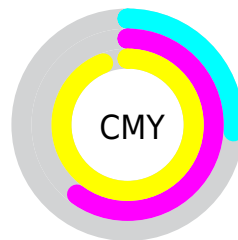


Cyan (0%)

Magenta (46%)

Yellow (91%)

Black (26%)



Cyan (26%)


Magenta (60%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.5839, 20.2315, 3.0469 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 25.5839, 20.2315, 3.0469 by changing the saturation by 10% instead.

 25.5839, 20.2315,
3.0469


 25.5839, 20.2315,
3.0469


273.0278,
253.1656, 136.9557


 16.6437, 12.5634,
1.1186


 52.0390, 43.8050,
11.7439

 10.0745, 7.1286,
0.0000


 70.2846, 60.4792,
19.3498

 5.5110, 3.5427,
0.0000

 92.3627, 80.9242,
29.6853

 2.5879, 1.4212,
0.0000

 118.6386,
105.5244, 43.1689

 0.9398, 0.2323,
0.0000

 149.4777,
134.6643, 60.2192

 0.0000, 0.0000,
0.0000

 185.2453,

168.7282, 81.2548

■ 226.3069,
208.1005, 106.6941

■ 25.5839, 20.2315,
3.0469

■ 25.5839, 20.2315,
3.0469

■ 24.7419, 18.6973,
2.3049

■ 26.7681, 22.2690,
4.4625

■ 28.2091, 24.5813,
6.6995

■ 29.9317, 27.1842,
9.8699

■ 31.9564, 30.0908,
14.0678

■ 34.3016, 33.3132,
19.3754

■ 36.9841, 36.8626,
25.8668

■ 40.0191, 40.7494,
33.6094

■ 43.4211, 44.9836,
42.6655

■ 47.2034, 49.5746,
53.0932

Harmonies

Analogous

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



31.8395, 20.2315, 7.7735



25.5839, 20.2315, 3.0469



18.6529, 20.2315, 2.1030

Triad

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



25.5839, 20.2315, 3.0469



9.2245, 20.2315, 23.7391



26.8237, 20.2315, 68.2190

Complementary

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



25.5839, 20.2315, 3.0469



14.0420, 13.2435, 49.3926

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.



19.8177, 20.2315, 80.9202



25.5839, 20.2315, 3.0469



10.4850, 20.2315, 47.6571

Square

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



25.5839, 20.2315, 3.0469



10.1010, 20.2315, 9.3073



14.0253, 20.2315, 71.8245



32.6616, 20.2315, 42.9860

Rectangle

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



25.5839, 20.2315, 3.0469



14.7904, 20.2315, 2.7274



14.0253, 20.2315, 71.8245



24.4780, 20.2315, 74.5832

Sweetspot

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



25.5843, 20.2326, 3.0473



69.1751, 69.5830, 52.2760



23.3226, 12.0214, 13.6621



14.4852, 14.4591, 10.2581



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.



25.5843, 20.2326, 3.0473



44.5958, 33.3953, 4.0955



38.8154, 46.6948, 7.4576



9.9136, 10.3033, 10.0429



16.9201, 12.8789, 1.5941



0.7282, 0.6353, 0.0843

Inverse Universe

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



14.0420, 13.2435, 49.3926



23.4590, 20.5966, 88.9653



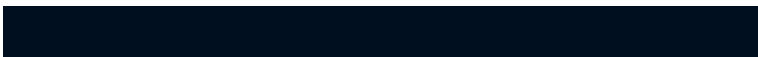
9.4762, 4.1117, 47.8707



9.3999, 9.9922, 12.1055



8.9795, 8.0708, 33.4774



0.4172, 0.4470, 1.3331

Previews

White Background



This preview shows how the XYZ color 25.5839, 20.2315, 3.0469 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 25.5839, 20.2315, 3.0469 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 25.5839, 20.2315, 3.0469

Background



This preview shows how black text looks on a background with the XYZ color 25.5839, 20.2315, 3.0469.



This preview shows how white text looks on a background with the XYZ color 25.5839, 20.2315,

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

25.5839, 20.2315, 3.0469

Protanopia

18.4728, 20.3918, 3.7730

Deuteranopia

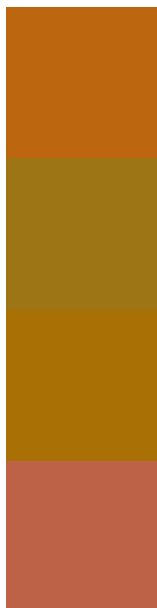
20.5790, 20.2260, 2.8194



Tritanopia

27.9763, 20.2201, 14.9987

Trichromacy



Original Color

25.5839, 20.2315, 3.0469

Protanomaly

20.5881, 20.0422, 3.4452

Deuteranomaly

22.1892, 20.0365, 2.8702

Tritanomaly

26.7402, 20.1374, 8.4388

Monochromacy



Original Color

25.5839, 20.2315, 3.0469

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.6071, 18.0221, 10.2825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.5839, 20.2315, 3.0469 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(188, 102, 16)` looks like.

```
.text, #text, p{  
    color:rgb(188, 102, 16)  
}
```

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(188, 102, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 102, 16) }
```

Border

The CSS property to change the border of an element to XYZ 25.5839, 20.2315, 3.0469 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(188, 102, 16) }
```


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

```
.border{ border-color:rgb(188, 102, 16) }
```

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

Here you see how a box with a 4 pixel rgb(188, 102, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 102, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 102, 16);  
box-shadow:4px 4px 4px 4px rgb(188, 102,  
16) }
```

Background

The CSS property to change the background color of an element to XYZ 25.5839, 20.2315, 3.0469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 102, 16) }
```

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

```
.background{ background-color: rgb(188,  
102, 16) }
```

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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