

Converting Colors

XYZ(32.0708, 23.5916, 3.6635)

Have a look what the booklet for
XYZ(32.0708, 23.5916, 3.6635)
contains.

XYZ(32.0574, 23.5617, 3.6689)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.0574, 23.5617,
3.6689)**

Conversions

Conversions Part 1

Format	Color
Hex	D46617
RGB	212, 102, 23
RGB Percent	83%, 40%, 9%
CMY	0.1686, 0.6000, 0.9098
CMYK	0.00, 0.52, 0.89, 0.17
HSL	25°, 80%, 46%
HSV	25°, 89%, 83%
XYZ	32.0574, 23.5617, 3.6689
YIQ	125.8840, 90.9190, -1.2490

Conversions

Conversions Part 2

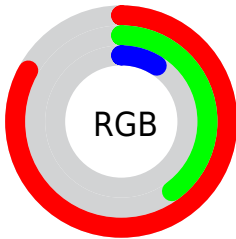
Format	Color
RYB	212, 159, 23
Decimal	13919767
CIELab	55.65, 39.22, 58.93
CIELCh	56, 70.790, 56.352
Yxy	23.5617, 0.5407, 0.3974
Android (android.graphics.Color)	4292109847 (0xFFD46617)
YUV	125.8840, -50.7218, 75.5237
Hunter-Lab	48.5404, 32.9406, 29.4969

Details

The XYZ color **32.0574, 23.5617, 3.6689** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **20.6239, 21.7095, 65.3901**, and the grayscale version is **19.9380, 20.9764, 22.8433**.

A 20% lighter version of the original color is **54.3009, 45.2385, 12.8911**, and **13.7615, 8.8517, 0.9832** is the 20% darker color. If you saturate the color by 10%, you get **30.7893, 21.2576, 2.5322**, and if you desaturate by 10%, it is **33.6659, 26.2930, 5.7037**.

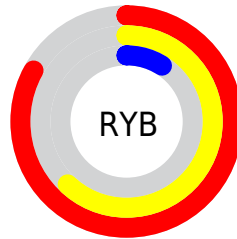
Distribution



Red (83%)

Green (40%)

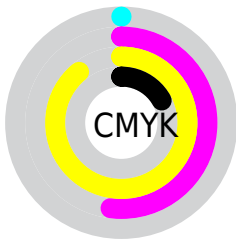
Blue (9%)



Red (83%)

Yellow (62%)

Blue (9%)

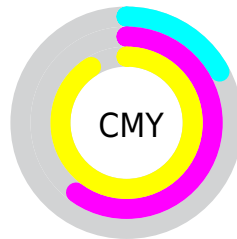


Cyan (0%)

Magenta (52%)

Yellow (89%)

Black (17%)



Cyan (17%)


Magenta (60%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0574, 23.5617, 3.6689 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 32.0574, 23.5617, 3.6689 by changing the saturation by 10% instead.


 32.0574, 23.5617,
3.6689


 32.0574, 23.5617,
3.6689


303.1213,
270.5970, 144.4709


 21.5611, 15.0088,
1.4455


 62.2656, 49.3140,
13.2386

 13.6496, 8.8256,
0.1768


 82.7083, 67.2822,
21.4221

 7.9574, 4.6276,
0.0000


 107.1971, 89.1576,
32.4293

 4.1193, 2.0305,
0.0000

 136.0975,
115.3247, 46.6788

 1.7698, 0.6251,
0.0000

 169.7747,
146.1678, 64.5892

 0.4994, 0.0000,
0.0000

 208.5942,

 0.0000, 0.0000,

182.0713, 86.5790

0.0000

252.9213,
223.4195, 113.0667

32.0574, 23.5617,
3.6689

32.0574, 23.5617,
3.6689

30.7893, 21.2576,
2.5322

33.6659, 26.2930,
5.7037

30.6919, 21.0785,
2.4509

35.6655, 29.4803,
8.8731

38.0910, 33.1500,
13.3232

40.9720, 37.3245,
19.1775

44.3351, 42.0247,
26.5450

■ 48.2048, 47.2700,
35.5235

■ 52.6034, 53.0787,
46.2027

■ 57.5519, 59.4682,
58.6656

■ 63.0702, 66.4551,
72.9896

Harmonies

Analogous

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



39.2233, 23.5617, 10.6346



32.0574, 23.5617, 3.6689



23.3888, 23.5617, 2.0128

Triad

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



32.0574, 23.5617, 3.6689



10.2733, 23.5617, 22.9498



29.9499, 23.5617, 88.9455

Complementary

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



32.0574, 23.5617, 3.6689



20.6239, 21.7095, 65.3901

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.



21.4292, 23.5617, 99.6425



32.0574, 23.5617, 3.6689



11.2353, 23.5617, 50.6352

Square

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



32.0574, 23.5617, 3.6689



11.8653, 23.5617, 8.1551



14.8995, 23.5617, 82.6716



37.8169, 23.5617, 58.6737

Rectangle

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



32.0574, 23.5617, 3.6689



18.3326, 23.5617, 2.3396



14.8995, 23.5617, 82.6716



27.0164, 23.5617, 95.5132

Sweetspot

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



32.0579, 23.5630, 3.6693



74.4016, 73.3771, 56.7798



31.7086, 16.3103, 23.7584



15.4608, 15.0851, 11.0495



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



32.0579, 23.5630, 3.6693



46.4555, 31.6911, 3.6685



47.1021, 53.6513, 8.6840



12.8455, 13.2653, 13.0441



19.0419, 13.2010, 1.5444



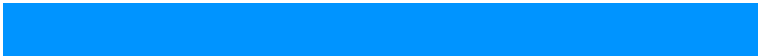
1.2293, 0.9577, 0.1201

Inverse Universe

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



20.6239, 21.7095, 65.3901



28.7036, 28.5272, 98.6012



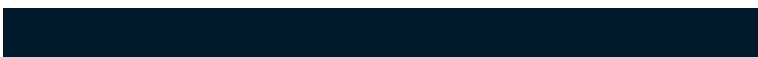
12.9544, 6.3705, 62.8336



12.3370, 13.1973, 15.8346



11.8392, 11.9402, 40.1339



0.7950, 0.8821, 2.4477

Previews

White Background



This preview shows how the XYZ color 32.0574, 23.5617, 3.6689 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 32.0574, 23.5617, 3.6689 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 32.0574, 23.5617, 3.6689

Background



This preview shows how black text looks on a background with the XYZ color 32.0574, 23.5617, 3.6689.



This preview shows how white text looks on a background with the XYZ color 32.0574, 23.5617,

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

32.0574, 23.5617, 3.6689

Protanopia

21.3501, 23.6332, 4.7327

Deuteranopia

23.9516, 23.6138, 3.2955



Tritanopia

34.5148, 23.5908, 15.3047

Trichromacy



Original Color

32.0574, 23.5617, 3.6689

Protanomaly

24.4027, 22.8871, 4.2301

Deuteranomaly

26.5298, 23.2887, 3.3266

Tritanomaly

33.3018, 23.5125, 9.0865

Monochromacy



Original Color

32.0574, 23.5617, 3.6689

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

22.0691, 20.6119, 12.2665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0574, 23.5617, 3.6689 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(212, 102, 23)` looks like.

```
.text, #text, p{  
    color:rgb(212, 102, 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(212, 102, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 102, 23) }
```

Border

The CSS property to change the border of an element to XYZ 32.0574, 23.5617, 3.6689 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(212, 102, 23) }
```


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

```
.border{ border-color:rgb(212, 102, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 102, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 102, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 102, 23);  
box-shadow:4px 4px 4px 4px rgb(212, 102,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0574, 23.5617, 3.6689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 102, 23) }
```

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

```
.background{ background-color: rgb(212,  
102, 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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