

Converting Colors

XYZ(32.4073, 23.7697, 5.3028)

Have a look what the booklet for
XYZ(32.4073, 23.7697, 5.3028)
contains.

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Color

**XYZ(32.3574, 23.6816,
5.2485)**

Conversions

Conversions Part 1

Format	Color
Hex	D4662C
RGB	212, 102, 44
RGB Percent	83%, 40%, 17%
CMY	0.1686, 0.6000, 0.8274
CMYK	0.00, 0.52, 0.79, 0.17
HSL	21°, 66%, 50%
HSV	21°, 79%, 83%
XYZ	32.3574, 23.6816, 5.2485
YIQ	128.2780, 84.1780, 5.2820

Conversions

Conversions Part 2

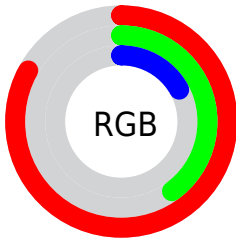
Format	Color
R _Y B	212, 133, 44
Decimal	13919788
CIE Lab	55.77, 39.78, 50.95
CIE LCh	56, 64.642, 52.017
Yxy	23.6816, 0.5280, 0.3864
Android (android.graphics.Color)	4292109868 (0xFFD4662C)
YUV	128.2780, -41.5491, 73.4242
Hunter-Lab	48.6637, 33.5263, 27.6701

Details

The XYZ color **32.3574, 23.6816, 5.2485** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **24.4772, 28.3985, 66.4784**, and the grayscale version is **20.7346, 21.8144, 23.7559**.

A 20% lighter version of the original color is **54.9817, 45.5108, 16.4763**, and **13.9463, 8.9470, 0.9919** is the 20% darker color. If you saturate the color by 10%, you get **30.8040, 21.0583, 3.2414**, and if you desaturate by 10%, it is **34.3436, 26.8457, 8.4034**.

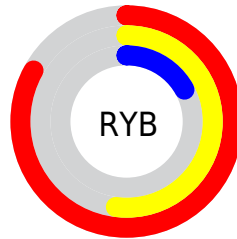
Distribution



Red (83%)

Green (40%)

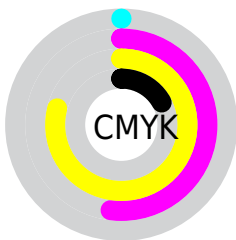
Blue (17%)



Red (83%)

Yellow (52%)

Blue (17%)

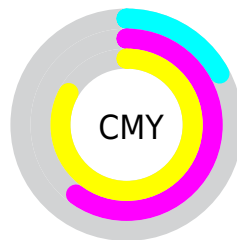


Cyan (0%)

Magenta (52%)

Yellow (79%)

Black (17%)



Cyan (17%)

Magenta (60%)


Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3574, 23.6816, 5.2485 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 32.3574, 23.6816, 5.2485 by changing the saturation by 10% instead.


 32.3574, 23.6816,
5.2485


 32.3574, 23.6816,
5.2485


304.4606,
271.2068, 161.2293

 21.7915, 15.0976,
2.3325


 62.7324, 49.5101,
16.7998


 13.8195, 8.8879,
0.7493


 83.2722, 67.5234,
26.2722

 8.0761, 4.6681,
0.0000

 107.8673, 89.4486,
38.7672

 4.1959, 2.0539,
0.0000

 136.8831,
115.6701, 54.7032

 1.8136, 0.6385,
0.0000

 170.6850,
146.5723, 74.4989

 0.5258, 0.0000,
0.0000

 209.6383,

 0.0000, 0.0000,

182.5395, 98.5728

0.0000

254.1084,
223.9562, 127.3434

■ 32.3574, 23.6816,
5.2485

■ 32.3574, 23.6816,
5.2485

■ 30.8040, 21.0583,
3.2414

■ 34.3436, 26.8457,
8.4034

■ 29.6253, 18.9310,
2.1386

■ 36.7989, 30.5788,
12.8521

■ 29.5467, 18.7880,
2.0692

■ 39.7568, 34.9111,
18.7197

■ 43.2470, 39.8696,
26.1162

■ 47.2965, 45.4792,
35.1406

■ 51.9305, 51.7636,
45.8834

■ 57.1725, 58.7450,
58.4286

■ 63.0445, 66.4447,
72.8544

■ 69.5676, 74.8830,
89.2345

Harmonies

Analogous

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



38.2881, 23.6816, 13.4091



32.3574, 23.6816, 5.2485



24.5258, 23.6816, 2.8992

Triad

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



32.3574, 23.6816, 5.2485



11.2271, 23.6816, 20.5701



28.2236, 23.6816, 84.3236

Complementary

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



32.3574, 23.6816, 5.2485



24.4772, 28.3985, 66.4784

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.



20.6052, 23.6816, 90.0798



32.3574, 23.6816, 5.2485



11.7977, 23.6816, 44.0951

Square

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



32.3574, 23.6816, 5.2485



13.1181, 23.6816, 8.0539



14.8935, 23.6816, 72.5527



35.5628, 23.6816, 59.5088

Rectangle

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



32.3574, 23.6816, 5.2485



19.6968, 23.6816, 3.0157



14.8935, 23.6816, 72.5527



25.5761, 23.6816, 88.9475

Sweetspot

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



32.3579, 23.6829, 5.2489



75.2379, 73.7116, 61.1835



34.0528, 18.1988, 33.1706



15.5742, 15.0562, 11.8757



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.



32.3579, 23.6829, 5.2489



45.5297, 29.7258, 3.7103



44.7464, 48.4598, 9.3784



12.7704, 13.1149, 13.0191



18.3253, 11.7679, 1.3056



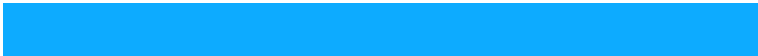
1.1814, 0.8619, 0.1041

Inverse Universe

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



24.4772, 28.3985, 66.4784



32.8430, 36.5651, 99.9345



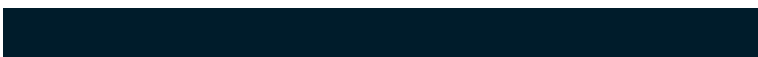
15.2399, 9.9239, 63.3993



12.4145, 13.3523, 15.8605



13.1152, 14.4922, 40.5592



0.8669, 1.0258, 2.4716

Previews

White Background



This preview shows how the XYZ color 32.3574, 23.6816, 5.2485 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 32.3574, 23.6816, 5.2485 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 32.3574, 23.6816, 5.2485

Background



This preview shows how black text looks on a background with the XYZ color 32.3574, 23.6816, 5.2485.



This preview shows how white text looks on a background with the XYZ color 32.3574, 23.6816,

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

32.3574, 23.6816, 5.2485

Protanopia

21.7454, 23.7913, 6.8142

Deuteranopia

24.2700, 23.7411, 4.9724



Tritanopia

34.6055, 23.7721, 15.3349

Trichromacy



Original Color

32.3574, 23.6816, 5.2485

Protanomaly

24.7688, 23.0336, 6.1581

Deuteranomaly

26.8522, 23.4176, 5.0242

Tritanomaly

33.5844, 23.6256, 10.5747

Monochromacy



Original Color

32.3574, 23.6816, 5.2485

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

23.0526, 21.4276, 14.2302

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3574, 23.6816, 5.2485 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, 44)` looks like.

```
.text, #text, p{  
    color:rgb(212, 102, 44)  
}
```

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, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 102, 44) }
```

Border

The CSS property to change the border of an element to XYZ 32.3574, 23.6816, 5.2485 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, 44) }
```


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

```
.border{ border-color:rgb(212, 102, 44) }
```

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, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 102, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 102, 44);  
box-shadow:4px 4px 4px 4px rgb(212, 102,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3574, 23.6816, 5.2485 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, 44) }
```

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

```
.background{ background-color: rgb(212,  
102, 44) }
```

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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