

Converting Colors

XYZ(32.6605, 23.1269, 3.2762)

Have a look what the booklet for
XYZ(32.6605, 23.1269, 3.2762)
contains.

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Color

**XYZ(32.6948, 23.1888,
3.2830)**

Conversions

Conversions Part 1

Format	Color
Hex	D86111
RGB	216, 97, 17
RGB Percent	85%, 38%, 7%
CMY	0.1529, 0.6196, 0.9333
CMYK	0.00, 0.55, 0.92, 0.15
HSL	24°, 85%, 46%
HSV	24°, 92%, 85%
XYZ	32.6948, 23.1888, 3.2830
YIQ	123.4610, 96.6040, 0.3480

Conversions

Conversions Part 2

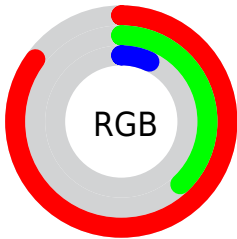
Format	Color
R_{YB}	216, 151, 17
Decimal	14180625
CIE _{Lab}	55.27, 43.15, 60.62
CIE _{LCh}	55, 74.414, 54.556
Yxy	23.1888, 0.5526, 0.3919
Android (android.graphics.Color)	4292370705 (0xFFD86111)
YUV	123.4610, -52.4853, 81.1567
Hunter-Lab	48.1548, 36.9223, 29.6662

Details

The XYZ color **32.6948, 23.1888, 3.2830** 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 **21.4294, 22.6842, 68.2143**, and the grayscale version is **19.1262, 20.1222, 21.9131**.

A 20% lighter version of the original color is **53.3489, 43.5537, 11.8982**, and **14.2648, 8.7468, 0.9365** is the 20% darker color. If you saturate the color by 10%, you get **31.7139, 21.3893, 2.4570**, and if you desaturate by 10%, it is **34.2461, 25.8781, 5.0752**.

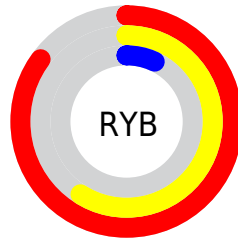
Distribution



Red (85%)

Green (38%)

Blue (7%)



Red (85%)

Yellow (59%)

Blue (7%)

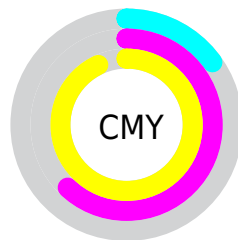


Cyan (0%)

Magenta (55%)

Yellow (92%)

Black (15%)



Cyan (15%)


Magenta (62%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.6948, 23.1888, 3.2830 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 32.6948, 23.1888, 3.2830 by changing the saturation by 10% instead.


 32.6948, 23.1888,
3.2830


 32.6948, 23.1888,
3.2830


305.9616,
268.6932, 139.8872


 22.0509, 14.7330,
1.2409


 63.2566, 48.7032,
12.3191

 14.0111, 8.6322,
0.0126


 83.9052, 66.5305,
20.1502


 8.2101, 4.5021,
0.0000


 108.6194, 88.2504,
30.7480

 4.2826, 1.9582,
0.0000

 137.7645,
114.2474, 44.5312

 1.8632, 0.5830,
0.0000

 171.7059,
144.9057, 61.9181

 0.5553, 0.0000,
0.0000

 210.8090,

 0.0000, 0.0000,

180.6099, 83.3274

0.0000

255.4391,
221.7443, 109.1776

32.6948, 23.1888,
3.2830

32.6948, 23.1888,
3.2830

31.7139, 21.3893,
2.4570

34.2461, 25.8781,
5.0752

36.2028, 29.0534,
8.0031

38.6040, 32.7446,
12.2292

41.4827, 36.9773,
17.8894

44.8684, 41.7751,
25.1019

■ 48.7876, 47.1599,
33.9724

■ 53.2650, 53.1524,
44.5974

■ 58.3235, 59.7719,
57.0658

■ 63.9847, 67.0372,
71.4607

Harmonies

Analogous

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



40.0548, 23.1888, 10.5801



32.6948, 23.1888, 3.2830



23.5950, 23.1888, 1.5812

Triad

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



32.6948, 23.1888, 3.2830



9.6312, 23.1888, 21.1420



29.3896, 23.1888, 94.1756

Complementary

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



32.6948, 23.1888, 3.2830



21.4294, 22.6842, 68.2143

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.



20.5554, 23.1888, 103.9786



32.6948, 23.1888, 3.2830



10.4458, 23.1888, 49.5136

Square

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



32.6948, 23.1888, 3.2830



11.3969, 23.1888, 6.8957



13.9954, 23.1888, 84.0919



37.8342, 23.1888, 62.2867

Rectangle

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



32.6948, 23.1888, 3.2830



18.2547, 23.1888, 1.7893



13.9954, 23.1888, 84.0919



26.3160, 23.1888, 100.7609

Sweetspot

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



32.6953, 23.1901, 3.2834



73.4698, 71.9438, 55.1421



32.9917, 16.7889, 24.9440



15.1432, 14.6130, 10.4408



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.



32.6953, 23.1901, 3.2834



46.0426, 30.8652, 3.5309



48.1824, 54.1642, 8.4457



12.8290, 13.2321, 13.0386



18.8709, 12.8591, 1.4874



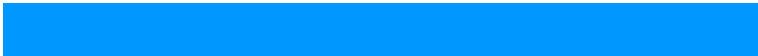
1.2182, 0.9355, 0.1164

Inverse Universe

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



21.4294, 22.6842, 68.2143



29.3564, 29.8328, 98.8188



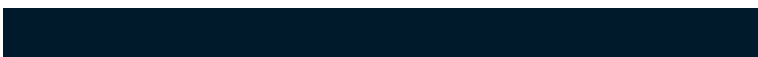
13.2844, 6.3942, 65.4993



12.3539, 13.2312, 15.8403



12.1037, 12.4692, 40.2220



0.8102, 0.9123, 2.4527

Previews

White Background



This preview shows how the XYZ color 32.6948, 23.1888, 3.2830 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 32.6948, 23.1888, 3.2830 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 32.6948, 23.1888, 3.2830

Background



This preview shows how black text looks on a background with the XYZ color 32.6948, 23.1888, 3.2830.



This preview shows how white text looks on a background with the XYZ color 32.6948, 23.1888,

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

32.6948, 23.1888, 3.2830

Protanopia

21.1630, 23.3382, 4.4262

Deuteranopia

23.6093, 23.2465, 3.2427



Tritanopia

34.9809, 23.2169, 13.7039

Trichromacy



Original Color

32.6948, 23.1888, 3.2830

Protanomaly

24.3267, 22.4935, 3.8701

Deuteranomaly

26.1712, 22.5889, 3.1530

Tritanomaly

33.8409, 23.1394, 7.9929

Monochromacy



Original Color

32.6948, 23.1888, 3.2830

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

21.5222, 19.8428, 11.0832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.6948, 23.1888, 3.2830 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(216, 97, 17)` looks like.

```
.text, #text, p{  
    color:rgb(216, 97, 17)  
}
```

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(216, 97, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 97, 17) }
```

Border

The CSS property to change the border of an element to XYZ 32.6948, 23.1888, 3.2830 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(216, 97, 17) }
```


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

```
.border{ border-color:rgb(216, 97, 17) }
```

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

Here you see how a box with a 4 pixel rgb(216, 97, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 97, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 97, 17);  
box-shadow:4px 4px 4px 4px rgb(216, 97,  
17) }
```

Background

The CSS property to change the background color of an element to XYZ 32.6948, 23.1888, 3.2830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 97, 17) }
```

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

```
.background{ background-color: rgb(216, 97,  
17) }
```

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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