

Converting Colors

XYZ(32.1076, 21.6731, 5.3917)

Have a look what the booklet for
XYZ(32.1076, 21.6731, 5.3917)
contains.

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Color

**XYZ(32.0684, 21.6483,
5.3941)**

Conversions

Conversions Part 1

Format	Color
Hex	D75831
RGB	215, 88, 49
RGB Percent	84%, 35%, 19%
CMY	0.1569, 0.6549, 0.8078
CMYK	0.00, 0.59, 0.77, 0.16
HSL	14°, 67%, 52%
HSV	14°, 77%, 84%
XYZ	32.0684, 21.6483, 5.3941
YIQ	121.5270, 88.2110, 14.7950

Conversions

Conversions Part 2

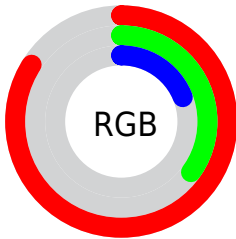
Format	Color
RYB	215, 100, 49
Decimal	14112817
CIELab	53.65, 47.86, 46.64
CIElCh	54, 66.824, 44.258
Yxy	21.6483, 0.5425, 0.3662
Android (android.graphics.Color)	4292302897 (0xFFD75831)
YUV	121.5270, -35.7558, 81.9758
Hunter-Lab	46.5277, 41.6044, 25.6957

Details

The XYZ color **32.0684, 21.6483, 5.3941** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **29.0561, 36.6069, 69.8238**, and the grayscale version is **18.4381, 19.3983, 21.1247**.

A 20% lighter version of the original color is **53.1176, 41.4878, 16.7636**, and **13.6807, 7.8600, 0.7961** is the 20% darker color. If you saturate the color by 10%, you get **30.5168, 19.1065, 3.1471**, and if you desaturate by 10%, it is **34.1418, 24.8882, 8.8821**.

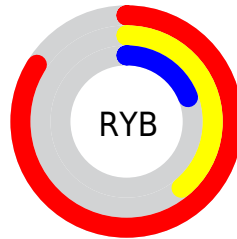
Distribution



Red (84%)

Green (35%)

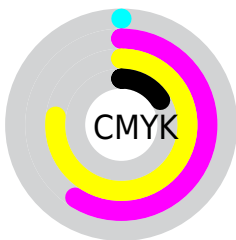
Blue (19%)



Red (84%)

Yellow (39%)

Blue (19%)

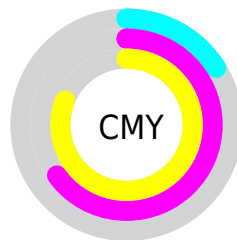


Cyan (0%)

Magenta (59%)

Yellow (77%)

Black (16%)



Cyan (16%)


Magenta (65%)


Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0684, 21.6483, 5.3941 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 32.0684, 21.6483, 5.3941 by changing the saturation by 10% instead.


 32.0684, 21.6483,
5.3941


 32.0684, 21.6483,
5.3941


303.1705,
260.7041, 162.6485


 21.5695, 13.5987,
2.4175


 62.2828, 46.1640,
17.1151


 13.6558, 7.8421,
0.7960


 82.7290, 63.3989,
26.6967

 7.9617, 3.9941,
0.0000

 107.2217, 84.4644,
39.3170

 4.1221, 1.6702,
0.0000

 136.1263,
109.7449, 55.3945

 1.7714, 0.4043,
0.0000

 169.8082,
139.6246, 75.3479

 0.5004, 0.0000,
0.0000

 208.6326,

 0.0000, 0.0000,

174.4882, 99.5957

0.0000

252.9649,
214.7199, 128.5564

■ 32.0684, 21.6483,
5.3941

■ 32.0684, 21.6483,
5.3941

■ 30.5168, 19.1065,
3.1471

■ 34.1418, 24.8882,
8.8821

■ 29.4285, 17.2032,
1.9418

■ 36.7816, 28.8711,
13.7596

■ 29.1871, 16.7730,
1.6992

■ 40.0287, 33.6420,
20.1550

■ 43.9198, 39.2413,
28.1816

■ 48.4884, 45.7065,
37.9420

■ 53.7657, 53.0727,
49.5303

■ 59.7808, 61.3731,
63.0336

■ 66.5612, 70.6391,
78.5337

■ 74.1329, 80.9008,
96.1074

Harmonies

Analogous

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



36.9715, 21.6483, 15.1478



32.0684, 21.6483, 5.3941



24.5334, 21.6483, 2.3612

Triad

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



32.0684, 21.6483, 5.3941



9.9827, 21.6483, 14.4262



24.1487, 21.6483, 85.9729

Complementary

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



32.0684, 21.6483, 5.3941



29.0561, 36.6069, 69.8238

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.



17.0690, 21.6483, 85.3491



32.0684, 21.6483, 5.3941



9.9259, 21.6483, 34.6509

Square

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



32.0684, 21.6483, 5.3941



12.3998, 21.6483, 5.1288



12.2211, 21.6483, 63.0767



31.7312, 21.6483, 64.4767

Rectangle

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



32.0684, 21.6483, 5.3941



19.5728, 21.6483, 2.0783



12.2211, 21.6483, 63.0767



21.6130, 21.6483, 88.6140

Sweetspot

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



32.0689, 21.6495, 5.3945



74.3229, 71.4198, 62.3018



36.9853, 19.7888, 43.0829



15.3254, 14.4704, 12.0648



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.



32.0689, 21.6495, 5.3945



43.7686, 26.1444, 3.3054



43.0910, 43.6938, 9.0685



12.6578, 12.8897, 12.9815



17.5257, 10.1686, 1.0390



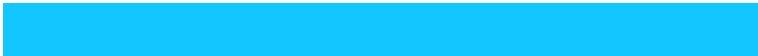
1.1216, 0.7423, 0.0842

Inverse Universe

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



29.0561, 36.6069, 69.8238



38.7830, 48.3199, 101.8903



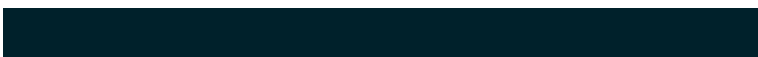
17.4702, 13.4350, 65.9618



12.5334, 13.5901, 15.9001



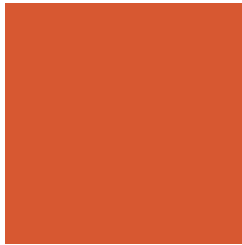
15.4128, 19.0874, 41.3251



0.9909, 1.2738, 2.5130

Previews

White Background



This preview shows how the XYZ color 32.0684, 21.6483, 5.3941 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 32.0684, 21.6483, 5.3941 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 32.0684, 21.6483, 5.3941

Background



This preview shows how black text looks on a background with the XYZ color 32.0684, 21.6483, 5.3941.



This preview shows how white text looks on a background with the XYZ color 32.0684, 21.6483,

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

32.0684, 21.6483, 5.3941

Protanopia

20.0203, 21.8771, 7.5824

Deuteranopia

22.0405, 21.6493, 5.0246



Tritanopia

33.5117, 21.6595, 11.8656

Trichromacy



Original Color

32.0684, 21.6483, 5.3941

Protanomaly

23.1180, 20.7651, 6.6605

Deuteranomaly

25.0680, 21.1500, 5.0466

Tritanomaly

32.8034, 21.5903, 8.9170

Monochromacy



Original Color

32.0684, 21.6483, 5.3941

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

21.3518, 19.0460, 13.3774

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0684, 21.6483, 5.3941 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(215, 88, 49)` looks like.

```
.text, #text, p{  
    color:rgb(215, 88, 49)  
}
```

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(215, 88, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 88, 49) }
```

Border

The CSS property to change the border of an element to XYZ 32.0684, 21.6483, 5.3941 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(215, 88, 49) }
```


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

```
.border{ border-color:rgb(215, 88, 49) }
```

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

Here you see how a box with a 4 pixel rgb(215, 88, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 88, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 88, 49);  
box-shadow:4px 4px 4px 4px rgb(215, 88,  
49) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0684, 21.6483, 5.3941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 88, 49) }
```

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

```
.background{ background-color: rgb(215, 88,  
49) }
```

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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