

Converting Colors

XYZ(30.4603, 21.4520, 5.3315)

Have a look what the booklet for
XYZ(30.4603, 21.4520, 5.3315)
contains.

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Color

**XYZ(30.4603, 21.4520,
5.3315)**

Conversions

Conversions Part 1

Format	Color
Hex	D05D30
RGB	208, 93, 48
RGB Percent	82%, 36%, 19%
CMY	0.1843, 0.6353, 0.8118
CMYK	0.00, 0.55, 0.77, 0.18
HSL	17°, 63%, 50%
HSV	17°, 77%, 82%
XYZ	30.4603, 21.4520, 5.3315
YIQ	122.2550, 82.9850, 10.3850

Conversions

Conversions Part 2

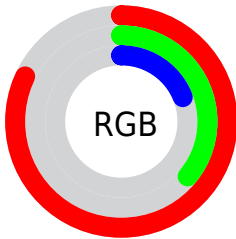
Format	Color
RYB	208, 111, 48
Decimal	13655344
CIELab	53.44, 42.85, 46.56
CIElCh	53, 63.275, 47.373
Yxy	21.4520, 0.5321, 0.3747
Android (android.graphics.Color)	4291845424 (0xFFD05D30)
YUV	122.2550, -36.6077, 75.1984
Hunter-Lab	46.3163, 36.3385, 25.5965

Details

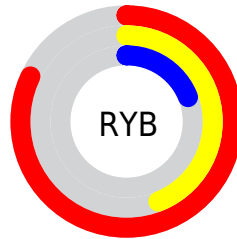
The XYZ color **30.4603, 21.4520, 5.3315** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **25.7001, 31.3745, 64.3755**, and the grayscale version is **18.6798, 19.6526, 21.4017**.

A 20% lighter version of the original color is **53.6766, 42.6808, 16.7184**, and **12.8256, 7.7889, 0.8274** is the 20% darker color. If you saturate the color by 10%, you get **28.9410, 18.9469, 3.1809**, and if you desaturate by 10%, it is **32.4382, 24.5529, 8.6274**.

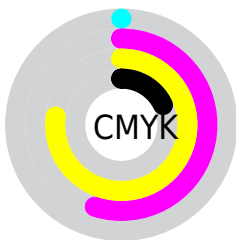
Distribution



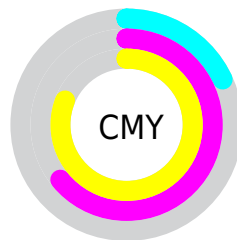
- Red (82%)
- Green (36%)
- Blue (19%)



- Red (82%)
- Yellow (44%)
- Blue (19%)



- Cyan (0%)
- Magenta (55%)
- Yellow (77%)
- Black (18%)





- Cyan (18%)
- Magenta (64%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4603, 21.4520, 5.3315 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 30.4603, 21.4520, 5.3315 by changing the saturation by 10% instead.


 30.4603, 21.4520,
5.3315


 30.4603, 21.4520,
5.3315


295.9156,
259.6710, 162.0405


 20.3380, 13.4548,
2.3809


 59.7710, 45.8386,
16.9798


 12.7507, 7.7425,
0.7760


 79.6902, 62.9968,
26.5146

 7.3329, 3.9306,
0.0000


 103.6056, 83.9774,
39.0812

 3.7193, 1.6348,
0.0000

 131.8828,
109.1648, 55.0982

 1.5446, 0.3809,
0.0000

 164.8871,
138.9435, 74.9840

 0.3559, 0.0000,
0.0000

 202.9837,

 0.0000, 0.0000,

173.6978, 99.1573

0.0000

246.5381,
213.8122, 128.0366

■ 30.4603, 21.4520,
5.3315

■ 30.4603, 21.4520,
5.3315

■ 28.9410, 18.9469,
3.1809

■ 32.4382, 24.5529,
8.6274

■ 27.8309, 16.9909,
1.9966

■ 34.9120, 28.2837,
13.2033

■ 27.5511, 16.4874,
1.7303

■ 37.9163, 32.6796,
19.1760

■ 41.4818, 37.7722,
26.6487

■ 45.6369, 43.5909,
35.7147

■ 50.4079, 50.1634,
46.4600

■ 55.8195, 57.5158,
58.9639

■ 61.8949, 65.6730,
73.3010

■ 68.6563, 74.6587,
89.5414

Harmonies

Analogous

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



35.3881, 21.4520, 13.9529



30.4603, 21.4520, 5.3315



23.3489, 21.4520, 2.6529

Triad

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



30.4603, 21.4520, 5.3315



10.1952, 21.4520, 16.1611



24.4994, 21.4520, 79.5266

Complementary

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



30.4603, 21.4520, 5.3315



25.7001, 31.3745, 64.3755

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.



17.6913, 21.4520, 81.3364



30.4603, 21.4520, 5.3315



10.3708, 21.4520, 36.2522

Square

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



30.4603, 21.4520, 5.3315



12.2783, 21.4520, 6.1831



12.8261, 21.4520, 62.5754



31.4605, 21.4520, 58.4852

Rectangle

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



30.4603, 21.4520, 5.3315



18.7747, 21.4520, 2.5170



12.8261, 21.4520, 62.5754



22.0943, 21.4520, 82.6984

Sweetspot

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



30.4608, 21.4532, 5.3319



74.9997, 72.7734, 62.5274



33.8912, 18.2526, 37.4934



15.4860, 14.7915, 12.1183



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.



30.4608, 21.4532, 5.3319



44.7289, 28.0301, 3.7335



41.0458, 42.6232, 8.8602



12.0756, 12.3420, 12.3578



17.2426, 10.4182, 1.1021



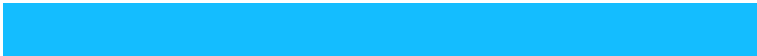
1.0317, 0.7177, 0.0842

Inverse Universe

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



25.7001, 31.3745, 64.3755



36.5463, 43.7722, 101.1304



15.8790, 11.7322, 61.1018



11.8656, 12.8215, 15.0931



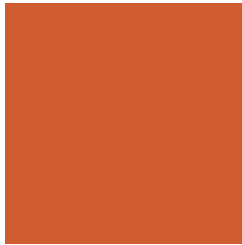
13.9282, 16.5031, 39.6438



0.8441, 1.0534, 2.2384

Previews

White Background



This preview shows how the XYZ color 30.4603, 21.4520, 5.3315 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 30.4603, 21.4520, 5.3315 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 30.4603, 21.4520, 5.3315

Background



This preview shows how black text looks on a background with the XYZ color 30.4603, 21.4520, 5.3315.



This preview shows how white text looks on a background with the XYZ color 30.4603, 21.4520,

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

30.4603, 21.4520, 5.3315

Protanopia

19.6382, 21.4946, 7.1168

Deuteranopia

22.0405, 21.6493, 5.0246



Tritanopia

32.0884, 21.4892, 13.0463

Trichromacy



Original Color

30.4603, 21.4520, 5.3315

Protanomaly

22.5225, 20.6348, 6.2859

Deuteranomaly

24.4806, 21.0083, 5.0502

Tritanomaly

31.2902, 21.4035, 9.5033

Monochromacy



Original Color

30.4603, 21.4520, 5.3315

Achromatopsia

18.4984, 19.4618, 21.1939

Achromatomaly

20.8869, 18.9674, 13.3867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4603, 21.4520, 5.3315 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(208, 93, 48)` looks like.

```
.text, #text, p{  
    color:rgb(208, 93, 48)  
}
```

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(208, 93, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 93, 48) }
```

Border

The CSS property to change the border of an element to XYZ 30.4603, 21.4520, 5.3315 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(208, 93, 48) }
```


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

```
.border{ border-color:rgb(208, 93, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 93, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 93, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 93, 48);  
box-shadow:4px 4px 4px 4px rgb(208, 93,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4603, 21.4520, 5.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 93, 48) }
```

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

```
.background{ background-color: rgb(208, 93,  
48) }
```

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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