

Converting Colors

XYZ(21.5029, 15.3386, 2.0570)

Have a look what the booklet for
XYZ(21.5029, 15.3386, 2.0570)
contains.

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Color

**XYZ(21.5029, 15.3386,
2.0570)**

Conversions

Conversions Part 1

Format	Color
Hex	B35008
RGB	179, 80, 8
RGB Percent	70%, 31%, 3%
CMY	0.2980, 0.6862, 0.9686
CMYK	0.00, 0.55, 0.96, 0.30
HSL	25°, 91%, 37%
HSV	25°, 96%, 70%
XYZ	21.5029, 15.3386, 2.0570
YIQ	101.3930, 82.1160, -1.4040

Conversions

Conversions Part 2

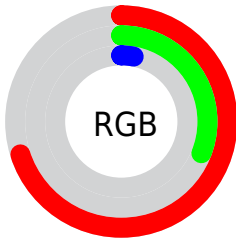
Format	Color
R_{YB}	179, 132, 8
Decimal	11751432
CIE _{Lab}	46.09, 37.02, 53.79
CIE _{LCh}	46, 65.299, 55.467
Yxy	15.3386, 0.5528, 0.3943
Android (android.graphics.Color)	4289941512 (0xFFB35008)
YUV	101.3930, -46.0427, 68.0613
Hunter-Lab	39.1645, 29.4658, 24.3011

Details

The XYZ color **21.5029, 15.3386, 2.0570** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **13.4939, 13.8206, 44.6039**, and the grayscale version is **12.5728, 13.2275, 14.4048**.

A 20% lighter version of the original color is **45.2891, 35.2923, 9.1277**, and **8.0720, 4.8505, 0.5108** is the 20% darker color. If you saturate the color by 10%, you get **21.1318, 14.6667, 1.7172**, and if you desaturate by 10%, it is **22.4630, 17.0325, 3.0752**.

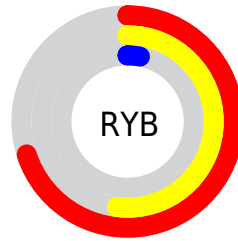
Distribution



Red (70%)

Green (31%)

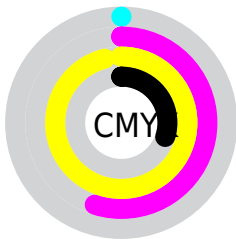
Blue (3%)



Red (70%)

Yellow (52%)

Blue (3%)

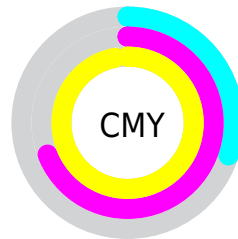


Cyan (0%)

Magenta (55%)

Yellow (96%)

Black (30%)



Cyan (30%)

Magenta (69%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5029, 15.3386, 2.0570 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 21.5029, 15.3386, 2.0570 by changing the saturation by 10% instead.

■ 21.5029, 15.3386,
2.0570

■ 21.5029, 15.3386,
2.0570

252.6206,
225.4066, 123.2557

■ 13.6066, 9.0574,
0.5900

■ 45.4080, 35.4461,
9.1961

■ 7.9275, 4.7786,
0.0000

■ 62.1476, 50.0412,
15.7515

■ 4.1000, 2.1180,
0.0000

■ 82.5656, 68.1763,
24.8557

■ 1.7589, 0.6747,
0.0000

■ 107.0275, 90.2358,
36.9271


■ 0.4927, 0.0000,
0.0000


■ 135.8986,
116.6043, 52.3842


■ 0.0000, 0.0000,
0.0000


■ 169.5443,


147.6660, 71.6457


 208.3298,
183.8053, 95.1300


 21.5029, 15.3386,
2.0570


 21.5029, 15.3386,
2.0570


 21.1318, 14.6667,
1.7172

 22.4630, 17.0325,
3.0752

 23.6688, 19.0193,
4.7870

 25.1463, 21.3176,
7.3040

 26.9166, 23.9430,
10.7153

 28.9982, 26.9096,
15.0980

■ 31.4080, 30.2308,
20.5209

■ 34.1615, 33.9190,
27.0462

■ 37.2732, 37.9858,
34.7315

■ 40.7565, 42.4425,
43.6302

Harmonies

Analogous

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



26.4903, 15.3386, 6.7058



21.5029, 15.3386, 2.0570



15.4386, 15.3386, 1.0059

Triad

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



21.5029, 15.3386, 2.0570



6.3191, 15.3386, 14.4005



19.6653, 15.3386, 62.2727

Complementary

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



21.5029, 15.3386, 2.0570



13.4939, 13.8206, 44.6039

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.



13.7517, 15.3386, 69.4416



21.5029, 15.3386, 2.0570



6.9114, 15.3386, 33.5889

Square

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



21.5029, 15.3386, 2.0570



7.4369, 15.3386, 4.6770



9.3280, 15.3386, 56.6439



25.2543, 15.3386, 40.7047

Rectangle

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



21.5029, 15.3386, 2.0570



11.9144, 15.3386, 1.1694



9.3280, 15.3386, 56.6439



17.6137, 15.3386, 66.8597

Sweetspot

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



21.5032, 15.3395, 2.0573



59.1546, 58.0526, 43.5682



21.3706, 10.8347, 15.0828



12.6508, 12.2505, 8.5800



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



21.5032, 15.3395, 2.0573



37.6358, 25.8459, 3.0051



32.0441, 36.4212, 5.5709



8.7807, 9.0738, 8.9412



14.9944, 10.4874, 1.2340



0.5300, 0.4465, 0.0582

Inverse Universe

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



13.4939, 13.8206, 44.6039



23.1443, 22.9725, 79.5955



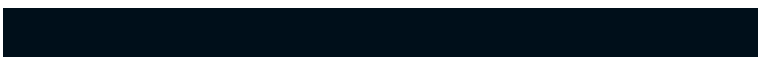
8.5285, 3.8898, 42.9487



8.4368, 9.0198, 10.8027



9.2868, 9.3739, 31.4569



0.3484, 0.4073, 1.0085

Previews

White Background



This preview shows how the XYZ color 21.5029, 15.3386, 2.0570 looks on a white 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

Black Background



This preview shows how the XYZ color 21.5029, 15.3386, 2.0570 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.5029, 15.3386, 2.0570

Background



This preview shows how black text looks on a background with the XYZ color 21.5029, 15.3386, 2.0570.



This preview shows how white text looks on a background with the XYZ color 21.5029, 15.3386,

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

21.5029, 15.3386, 2.0570

Protanopia

14.0057, 15.4840, 2.8666

Deuteranopia

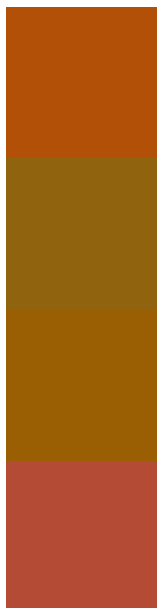
15.5978, 15.3896, 2.1484



Tritanopia

22.9161, 15.2858, 9.1398

Trichromacy



Original Color

21.5029, 15.3386, 2.0570

Protanomaly

16.0497, 14.8875, 2.4796

Deuteranomaly

17.4351, 15.0610, 2.0743

Tritanomaly

22.0494, 15.1292, 5.1263

Monochromacy



Original Color

21.5029, 15.3386, 2.0570

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.9807, 12.9011, 7.0635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5029, 15.3386, 2.0570 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(179, 80, 8)` looks like.

```
.text, #text, p{  
    color:rgb(179, 80, 8)  
}
```

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(179, 80, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 80, 8) }
```

Border

The CSS property to change the border of an element to XYZ 21.5029, 15.3386, 2.0570 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(179, 80, 8) }
```


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

```
.border{ border-color:rgb(179, 80, 8) }
```

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

Here you see how a box with a 4 pixel rgb(179, 80, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 80, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 80, 8);  
box-shadow:4px 4px 4px 4px rgb(179, 80, 8)  
}
```

Background

The CSS property to change the background color of an element to XYZ 21.5029, 15.3386, 2.0570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 80, 8) }
```

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

```
.background{ background-color: rgb(179, 80,  
8) }
```

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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