

Converting Colors

XYZ(21.6142, 11.1350, 1.3529)

Have a look what the booklet for
XYZ(21.6142, 11.1350, 1.3529)
contains.

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Color

**XYZ(21.5522, 11.1029,
1.3550)**

Conversions

Conversions Part 1

Format	Color
Hex	BF000C
RGB	191, 0, 12
RGB Percent	75%, 0%, 5%
CMY	0.2510, 0.9999, 0.9529
CMYK	0.00, 1.00, 0.94, 0.25
HSL	356°, 100%, 37%
HSV	356°, 100%, 75%
XYZ	21.5522, 11.1029, 1.3550
YIQ	58.4770, 109.9840, 44.2240

Conversions

Conversions Part 2

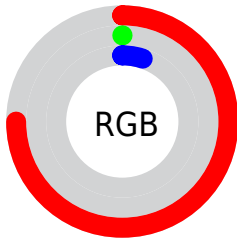
Format	Color
RYB	191, 0, 12
Decimal	12517388
CIELab	39.75, 64.58, 49.78
CIElCh	40, 81.540, 37.625
Yxy	11.1029, 0.6337, 0.3265
Android (android.graphics.Color)	4290707468 (0xFFBF000C)
YUV	58.4770, -22.9132, 116.2227
Hunter-Lab	33.3210, 57.1429, 20.9137

Details

The XYZ color **21.5522, 11.1029, 1.3550** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **26.7713, 40.5176, 49.0760**, and the grayscale version is **4.1082, 4.3222, 4.7069**.

A 20% lighter version of the original color is **45.0729, 27.6208, 7.2307**, and **8.7524, 4.5120, 0.4096** is the 20% darker color. If you saturate the color by 10%, you get **21.5518, 11.1027, 1.3539**, and if you desaturate by 10%, it is **21.9540, 11.6399, 2.3115**.

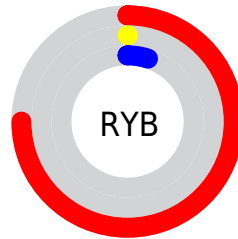
Distribution



Red (75%)

Green (0%)

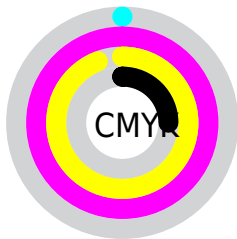
Blue (5%)



Red (75%)

Yellow (0%)

Blue (5%)

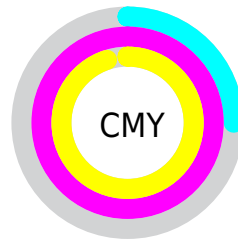


Cyan (0%)

Magenta (100%)

Yellow (94%)

Black (25%)



Cyan (25%)


Magenta (100%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the XYZ color 21.5522, 11.1029, 1.3550 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 21.5522, 11.1029, 1.3550 by changing the saturation by 10% instead.


 21.5522, 11.1029,
1.3550


 21.5522, 11.1029,
1.3550


 252.8753,
198.3722, 111.3837


 13.6430, 6.1361,
0.1062


 45.4891, 27.8503,
7.1876


 7.9528, 2.9280,
0.0000


 62.2476, 40.3997,
12.8380


 4.1163, 1.0943,
0.0000

 82.6865, 56.2453,
20.8690

 1.7682, 0.0000,
0.0000

 107.1712, 75.7717,
31.6993


 0.4984, 0.0000,
0.0000


 136.0671, 99.3632,
45.7473


 0.0000, 0.0000,
0.0000


 169.7395,


127.4042, 63.4317


 208.5538,
160.2790, 85.1710


 21.5522, 11.1029,
1.3550

 21.5522, 11.1029,
1.3550

 21.5518, 11.1027,
1.3539

 21.9540, 11.6399,
2.3115

 22.7159, 12.6895,
4.0276

 23.9404, 14.4259,
6.6324

 25.6855, 16.9396,
10.2245

 28.0008, 20.3075,
14.8893

■ 30.9302, 24.5971,
20.7031

■ 34.5130, 29.8692,
27.7353

■ 38.7857, 36.1794,
36.0497

■ 43.7816, 43.5793,
45.7056

Harmonies

Analogous

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



25.1821, 11.1029, 8.4495



21.5522, 11.1029, 1.3550



15.1931, 11.1029, 0.0000

Triad

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



21.5522, 11.1029, 1.3550



3.4104, 11.1029, 3.7526



12.0434, 11.1029, 75.4032

Complementary

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



21.5522, 11.1029, 1.3550



26.7713, 40.5176, 49.0760

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.



6.9692, 11.1029, 68.6863



21.5522, 11.1029, 1.3550



3.0852, 11.1029, 16.6477

Square

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



21.5522, 11.1029, 1.3550



5.2597, 11.1029, 0.2767



4.1266, 11.1029, 42.2751



18.5630, 11.1029, 56.4919

Rectangle

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



21.5522, 11.1029, 1.3550



11.0045, 11.1029, 0.0000



4.1266, 11.1029, 42.2751



10.1140, 11.1029, 76.2383

Sweetspot

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



21.5524, 11.1036, 1.3551



61.4679, 52.9867, 48.9990



27.8260, 13.2591, 50.3824



12.8696, 10.7101, 9.5294



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



21.5524, 11.1036, 1.3551



38.5711, 19.8738, 2.2738



24.5629, 17.2304, 2.0323



9.5538, 9.5458, 10.0391



14.1745, 7.3010, 0.9466



0.5636, 0.2893, 0.0812

Inverse Universe

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



21.5524, 11.1036, 1.3551



38.5711, 19.8738, 2.2738



14.7932, 14.5395, 51.3165



9.5538, 9.5458, 10.0391



14.1745, 7.3010, 0.9466



0.5636, 0.2893, 0.0812

Previews

White Background



This preview shows how the XYZ color 21.5522, 11.1029, 1.3550 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



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 21.5522, 11.1029, 1.3550

Background



This preview shows how black text looks on a background with the XYZ color 21.5522, 11.1029, 1.3550.



This preview shows how white text looks on a background with the XYZ color 21.5522, 11.1029,

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

21.5522, 11.1029, 1.3550

Protanopia

10.6808, 11.8262, 2.8822

Deuteranopia

11.7123, 11.7192, 1.6447



Tritanopia

21.4515, 11.3798, 1.0659

Trichromacy



Original Color

21.5522, 11.1029, 1.3550

Protanomaly

12.3585, 8.9104, 1.8791

Deuteranomaly

13.4399, 9.2477, 1.1915

Tritanomaly

21.3768, 11.1953, 1.1491

Monochromacy



Original Color

21.5522, 11.1029, 1.3550

Achromatopsia

4.0217, 4.2311, 4.6077

Achromatomaly

7.0057, 4.5474, 2.6063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5522, 11.1029, 1.3550 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(191, 0, 12)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 12)  
}
```

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(191, 0, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 12) }
```

Border

The CSS property to change the border of an element to XYZ 21.5522, 11.1029, 1.3550 is called "border". The border property can be set on classes, ids or directly on the HTML element.

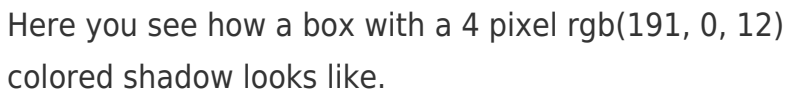
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 0, 12) }
```


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

```
.border{ border-color:rgb(191, 0, 12) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 0, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 12);  
box-shadow:4px 4px 4px 4px rgb(191, 0, 12)  
}
```

Background

The CSS property to change the background color of an element to XYZ 21.5522, 11.1029, 1.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 0, 12) }
```

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

```
.background{ background-color: rgb(191, 0,  
12) }
```

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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