

Converting Colors

XYZ(21.7297, 11.7723, 1.5462)

Have a look what the booklet for
XYZ(21.7297, 11.7723, 1.5462)
contains.

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Color

**XYZ(21.7064, 11.7627,
1.5418)**

Conversions

Conversions Part 1

Format	Color
Hex	BE1B0E
RGB	190, 27, 14
RGB Percent	75%, 11%, 5%
CMY	0.2549, 0.8940, 0.9451
CMYK	0.00, 0.86, 0.93, 0.25
HSL	4°, 86%, 40%
HSV	4°, 93%, 75%
XYZ	21.7064, 11.7627, 1.5418
YIQ	74.2550, 101.3210, 30.5130

Conversions

Conversions Part 2

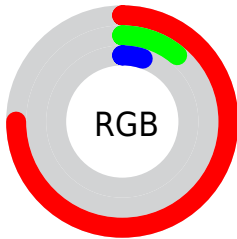
Format	Color
R _Y B	190, 28, 14
Decimal	12458766
CIE Lab	40.84, 60.64, 49.61
CIE LCh	41, 78.345, 39.286
Yxy	11.7627, 0.6200, 0.3360
Android (android.graphics.Color)	4290648846 (0xFFBE1B0E)
YUV	74.2550, -29.7057, 101.5084
Hunter-Lab	34.2968, 52.9531, 21.3424

Details

The XYZ color **21.7064, 11.7627, 1.5418** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **25.1938, 35.2481, 54.1906**, and the grayscale version is **6.5944, 6.9378, 7.5553**.

A 20% lighter version of the original color is **45.8506, 29.0900, 7.7558**, and **8.7524, 4.5120, 0.4096** is the 20% darker color. If you saturate the color by 10%, you get **21.3928, 11.2626, 1.0464**, and if you desaturate by 10%, it is **22.4332, 12.9042, 2.7472**.

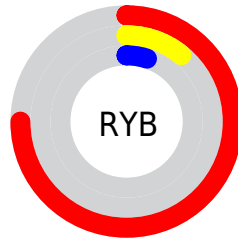
Distribution



Red (75%)

Green (11%)

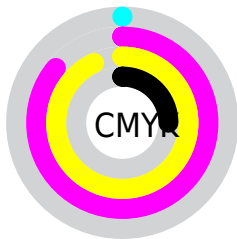
Blue (5%)



Red (75%)

Yellow (11%)

Blue (5%)

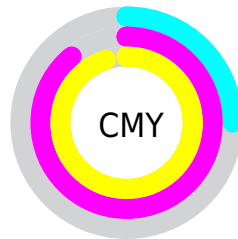


Cyan (0%)

Magenta (86%)

Yellow (93%)

Black (25%)



Cyan (25%)


Magenta (89%)


Yellow (95%)


Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7064, 11.7627, 1.5418 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 21.7064, 11.7627, 1.5418 by changing the saturation by 10% instead.


 21.7064, 11.7627,
1.5418


 21.7064, 11.7627,
1.5418


 253.6705,
202.8279, 114.7987


 13.7567, 6.5823,
0.2488


 45.7427, 29.0622,
7.7454


 8.0322, 3.2023,
0.0000


 62.5601, 41.9500,
13.6554

 4.1676, 1.2382,
0.0000

 83.0641, 58.1758,
21.9956

 1.7974, 0.0926,
0.0000

 107.6200, 78.1240,
33.1846

 0.5161, 0.0000,
0.0000


 136.5932,
102.1789, 47.6408


 0.0000, 0.0000,
0.0000


 170.3492,


130.7249, 65.7829


 209.2531,
164.1464, 88.0293


 21.7064, 11.7627,
1.5418


 21.7064, 11.7627,
1.5418


 21.3928, 11.2626,
1.0464

 22.4332, 12.9042,
2.7472

 23.5888, 14.6628,
4.8357

 25.2265, 17.1103,
7.9342

 27.3919, 20.3080,
12.1489

 30.1250, 24.3105,
17.5725

■ 33.4621, 29.1673,
24.2881

■ 37.4365, 34.9238,
32.3714

■ 42.0790, 41.6223,
41.8922

■ 47.4182, 49.3024,
52.9157

Harmonies

Analogous

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



25.4579, 11.7627, 8.4626



21.7064, 11.7627, 1.5418



15.4192, 11.7627, 0.0000

Triad

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



21.7064, 11.7627, 1.5418



3.8492, 11.7627, 4.7253



13.0018, 11.7627, 73.3345

Complementary

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



21.7064, 11.7627, 1.5418



25.1938, 35.2481, 54.1906

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.



7.7992, 11.7627, 68.3835



21.7064, 11.7627, 1.5418



3.5840, 11.7627, 18.4316

Square

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



21.7064, 11.7627, 1.5418



5.6708, 11.7627, 0.6830



4.7635, 11.7627, 43.7669



19.4399, 11.7627, 54.3308

Rectangle

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



21.7064, 11.7627, 1.5418



11.3142, 11.7627, 0.0000



4.7635, 11.7627, 43.7669



11.0470, 11.7627, 74.6228

Sweetspot

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



21.7066, 11.7634, 1.5420



63.5042, 57.0115, 49.8252



29.4547, 14.4862, 43.5034



13.2876, 11.5659, 9.6082



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.



21.7066, 11.7634, 1.5420



38.7024, 20.2801, 1.8746



27.3015, 22.9532, 3.4069



9.5853, 9.6467, 9.9334



14.2480, 7.5348, 0.7034



0.5777, 0.3343, 0.0341

Inverse Universe

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



25.1938, 35.2481, 54.1906



44.8771, 62.8061, 98.0367



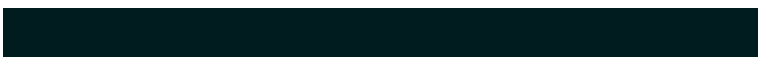
13.1540, 11.1684, 50.1773



9.7466, 10.6854, 12.2210



16.5218, 23.1553, 35.9915



0.6654, 0.9434, 1.4159

Previews

White Background



This preview shows how the XYZ color 21.7064, 11.7627, 1.5418 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 21.7064, 11.7627, 1.5418

Background



This preview shows how black text looks on a background with the XYZ color 21.7064, 11.7627, 1.5418.



This preview shows how white text looks on a background with the XYZ color 21.7064, 11.7627,

1.5418.

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

21.7064, 11.7627, 1.5418

Protanopia

11.0324, 12.1441, 2.9909

Deuteranopia

12.0827, 12.0397, 1.6871



Tritanopia

21.7593, 11.7478, 1.9313

Trichromacy



Original Color

21.7064, 11.7627, 1.5418

Protanomaly

13.1297, 10.1896, 2.1389

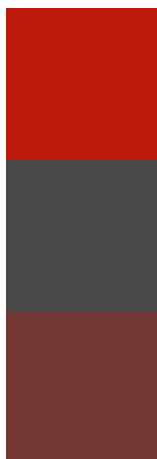
Deuteranomaly

14.1881, 10.4702, 1.4167

Tritanomaly

21.7309, 11.7364, 1.7818

Monochromacy



Original Color

21.7064, 11.7627, 1.5418

Achromatopsia

6.5089, 6.8478, 7.4573

Achromatomaly

9.2854, 6.8872, 4.0888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7064, 11.7627, 1.5418 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(190, 27, 14)` looks like.

```
.text, #text, p{  
    color:rgb(190, 27, 14)  
}
```

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(190, 27, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 27, 14) }
```

Border

The CSS property to change the border of an element to XYZ 21.7064, 11.7627, 1.5418 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(190, 27, 14) }
```


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

```
.border{ border-color:rgb(190, 27, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 27, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 27, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 27, 14);  
box-shadow:4px 4px 4px 4px rgb(190, 27,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7064, 11.7627, 1.5418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 27, 14) }
```

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

```
.background{ background-color: rgb(190, 27,  
14) }
```

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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