

Converting Colors

XYZ(21.4429, 10.9206, 7.0404)

Have a look what the booklet for
XYZ(21.4429, 10.9206, 7.0404)
contains.

| | |
|--|----|
| XYZ(21.4194, 10.9070, 7.1072) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(21.4194, 10.9070,
7.1072)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | BA0048 |
| RGB | 186, 0, 72 |
| RGB Percent | 73%, 0%, 28% |
| CMY | 0.2706, 0.9999, 0.7176 |
| CMYK | 0.00, 1.00, 0.61, 0.27 |
| HSL | 337°, 100%, 36% |
| HSV | 337°, 100%, 73% |
| XYZ | 21.4194, 10.9070, 7.1072 |
| YIQ | 63.8220, 87.7440, 61.8240 |

Conversions

Conversions Part 2

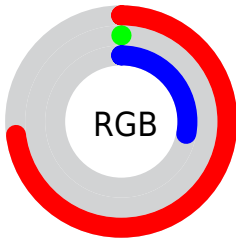
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 186, 0, 72 |
| Decimal | 12189768 |
| CIELab | 39.42, 65.38, 15.03 |
| CIELCh | 39, 67.082, 12.948 |
| Yxy | 10.9070, 0.5432, 0.2766 |
| Android (android.graphics.Color) | 4290379848 (0xFFBA0048) |
| YUV | 63.8220, 4.0318, 107.1501 |
| Hunter-Lab | 33.0257, 57.9741, 10.3587 |

Details

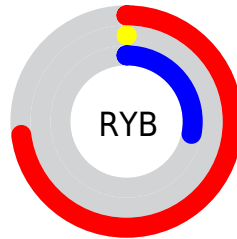
The XYZ color **21.4194, 10.9070, 7.1072** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **20.5984, 36.3335, 21.8571**, and the grayscale version is **4.8343, 5.0861, 5.5387**.

A 20% lighter version of the original color is **45.1948, 27.4990, 20.6951**, and **8.6792, 4.4487, 1.5636** is the 20% darker color. If you saturate the color by 10%, you get **21.4186, 10.9067, 7.1036**, and if you desaturate by 10%, it is **22.0532, 11.5233, 9.3271**.

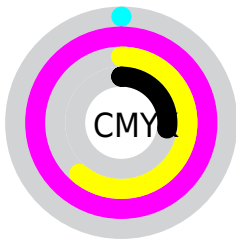
Distribution



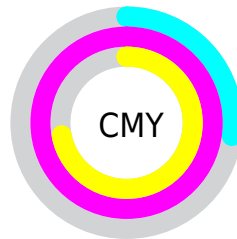
- Red (73%)
- Green (0%)
- Blue (28%)



- Red (73%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (61%)
- Black (27%)





- Cyan (27%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.4194, 10.9070, 7.1072 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 21.4194, 10.9070, 7.1072 by changing the saturation by 10% instead.


 21.4194, 10.9070,
7.1072


 21.4194, 10.9070,
7.1072


252.1888,
197.0284, 178.2161


 13.5451, 6.0043,
3.4498


 45.2705, 27.4881,
20.7051


 7.8846, 2.8477,
1.3286


 61.9781, 39.9353,
31.4826


 4.0723, 1.0528,
0.0851

 82.3608, 55.6661,
45.4706

 1.7431, 0.0000,
0.0000

 106.7840, 75.0649,
63.0876

 0.4830, 0.0000,
0.0000

 135.6130, 98.5162,
84.7520

 0.0000, 0.0000,
0.0000

 169.2133,

126.4042, 110.8826

207.9501,
159.1135, 141.8978

■ 21.4194, 10.9070,
7.1072

■ 21.4194, 10.9070,
7.1072

■ 21.4186, 10.9067,
7.1036

■ 22.0532, 11.5233,
9.3271

■ 22.9751, 12.5995,
12.0009

■ 24.2680, 14.2963,
15.1724

■ 25.9742, 16.6935,
18.8709

■ 28.1301, 19.8590,
23.1230

■ 30.7676, 23.8524,
27.9530

■ 33.9157, 28.7276,
33.3836

■ 37.6011, 34.5336,
39.4360

■ 41.8484, 41.3159,
46.1304

Harmonies

Analogous

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



21.1578, 10.9070, 20.8237



21.4194, 10.9070, 7.1072



18.1631, 10.9070, 1.6863

Triad

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



21.4194, 10.9070, 7.1072



5.4825, 10.9070, 1.3645



8.0109, 10.9070, 55.4251

Complementary

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



21.4194, 10.9070, 7.1072



20.5984, 36.3335, 21.8571

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.



5.1983, 10.9070, 38.3663



21.4194, 10.9070, 7.1072



4.0585, 10.9070, 5.9478

Square

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



21.4194, 10.9070, 7.1072



8.5306, 10.9070, 0.1814



3.9724, 10.9070, 18.4074



12.4492, 10.9070, 56.7301

Rectangle

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



21.4194, 10.9070, 7.1072



14.8675, 10.9070, 0.5753



3.9724, 10.9070, 18.4074



6.8806, 10.9070, 50.9783

Sweetspot

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



21.4197, 10.9077, 7.1074



61.1574, 51.5752, 59.9760



15.4963, 6.9653, 46.9818



12.9144, 10.4968, 12.2646



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



21.4197, 10.9077, 7.1074



38.7129, 19.7251, 12.2972



20.4765, 10.8925, 1.0242



9.1446, 9.0682, 10.1090



14.4442, 7.3514, 4.9598



0.5398, 0.2714, 0.3362

Inverse Universe

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



21.4197, 10.9077, 7.1074



38.7129, 19.7251, 12.2972



22.7560, 31.3307, 51.3022



9.1446, 9.0682, 10.1090



14.4442, 7.3514, 4.9598



0.5398, 0.2714, 0.3362

Previews

White Background



This preview shows how the XYZ color 21.4194, 10.9070, 7.1072 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 21.4194, 10.9070, 7.1072

Background



This preview shows how black text looks on a background with the XYZ color 21.4194, 10.9070, 7.1072.



This preview shows how white text looks on a background with the XYZ color 21.4194, 10.9070,

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

21.4194, 10.9070, 7.1072

Protanopia

11.2581, 11.5840, 15.0072

Deuteranopia

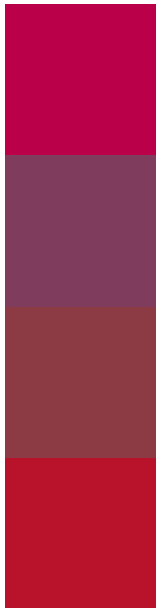
11.6059, 11.4297, 6.4450



Tritanopia

20.6448, 11.2721, 2.1246

Trichromacy



Original Color

21.4194, 10.9070, 7.1072

Protanomaly

12.3440, 8.5341, 11.3526

Deuteranomaly

13.3414, 9.0068, 6.3455

Tritanomaly

20.6599, 10.9213, 3.3046

Monochromacy



Original Color

21.4194, 10.9070, 7.1072

Achromatopsia

4.8732, 5.1269, 5.5832

Achromatomaly

7.9904, 5.1793, 5.8887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4194, 10.9070, 7.1072 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(186, 0, 72)` looks like.

```
.text, #text, p{  
    color:rgb(186, 0, 72)  
}
```

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(186, 0, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 0, 72) }
```

Border

The CSS property to change the border of an element to XYZ 21.4194, 10.9070, 7.1072 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(186, 0, 72) }
```


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

```
.border{ border-color:rgb(186, 0, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 0, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 0, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 0, 72);  
box-shadow:4px 4px 4px 4px rgb(186, 0, 72)  
}
```

Background

The CSS property to change the background color of an element to XYZ 21.4194, 10.9070, 7.1072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 0, 72) }
```

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

```
.background{ background-color: rgb(186, 0,  
72) }
```

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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