

Converting Colors

XYZ(23.9110, 17.7577, 6.9860)

Have a look what the booklet for
XYZ(23.9110, 17.7577, 6.9860)
contains.

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Color

**XYZ(23.9579, 17.7974,
7.0230)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B65B40 |
| RGB | 182, 91, 64 |
| RGB Percent | 71%, 36%, 25% |
| CMY | 0.2863, 0.6431, 0.7490 |
| CMYK | 0.00, 0.50, 0.65, 0.29 |
| HSL | 14°, 48%, 48% |
| HSV | 14°, 65%, 71% |
| XYZ | 23.9579, 17.7974, 7.0230 |
| YIQ | 115.1310, 62.9030, 10.8950 |

Conversions

Conversions Part 2

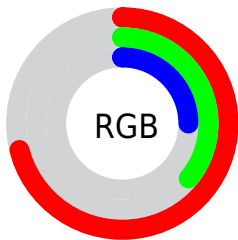
| Format | Color |
|-------------------------------------|--|
| RYB | 182, 99, 64 |
| Decimal | 11950912 |
| CIELab | 49.25, 34.60, 32.29 |
| CIElCh | 49, 47.325, 43.026 |
| Yxy | 17.7974, 0.4912, 0.3649 |
| Android (android.graphics.Color) | 4290140992 (0xFFB65B40) |
| YUV | 115.1310, -25.2076, 58.6441 |
| Hunter-Lab | 42.1870, 27.5426, 19.6607 |

Details

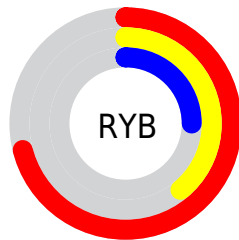
The XYZ color **23.9579, 17.7974, 7.0230** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **22.2784, 27.9084, 48.4684**, and the grayscale version is **16.3967, 17.2506, 18.7859**.

A 20% lighter version of the original color is **49.4210, 39.7144, 20.6837**, and **9.2664, 5.9915, 1.3299** is the 20% darker color. If you saturate the color by 10%, you get **22.4324, 15.4444, 4.3630**, and if you desaturate by 10%, it is **25.8777, 20.6687, 10.6483**.

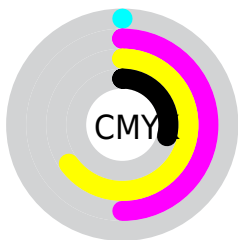
Distribution



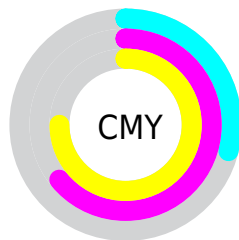
- Red (71%)
- Green (36%)
- Blue (25%)



- Red (71%)
- Yellow (39%)
- Blue (25%)



- Cyan (0%)
- Magenta (50%)
- Yellow (65%)
- Black (29%)





- Cyan (29%)
- Magenta (64%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.9579, 17.7974, 7.0230 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 23.9579, 17.7974, 7.0230 by changing the saturation by 10% instead.


 23.9579, 17.7974,
7.0230


 23.9579, 17.7974,
7.0230


265.0520,
239.7266, 177.4929


 15.4270, 10.8046,
3.3978


 49.4167, 39.6918,
20.5331


 9.2078, 5.9356,
1.3012


 67.0752, 55.3622,
31.2552


 4.9352, 2.8060,
0.0628

 88.5070, 74.6940,
45.1799

 2.2437, 1.0313,
0.0000

 114.0774, 98.0714,
62.7258

 0.7656, 0.0000,
0.0000

 144.1517,
125.8791, 84.3116

 0.0000, 0.0000,
0.0000

 179.0953,

158.5012, 110.3556

219.2737,
196.3222, 141.2765

■ 23.9579, 17.7974,
7.0230

■ 23.9579, 17.7974,
7.0230

■ 22.4324, 15.4444,
4.3630

■ 25.8777, 20.6687,
10.6483

■ 21.2701, 13.5749,
2.5729

■ 28.2168, 24.0845,
15.3202

■ 20.4370, 12.1540,
1.5388

■ 30.9998, 28.0726,
21.1120

■ 20.1070, 11.5764,
1.1747

■ 34.2486, 32.6580,
28.0906

■ 37.9840, 37.8642,
36.3172

■ 42.2253, 43.7134,
45.8491

■ 46.9907, 50.2268,
56.7398

■ 52.2975, 57.4244,
69.0399

■ 58.1623, 65.3256,
82.7973

Harmonies

Analogous

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



26.6738, 17.7974, 14.3725



23.9579, 17.7974, 7.0230



19.5334, 17.7974, 4.1368

Triad

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



23.9579, 17.7974, 7.0230



9.9926, 17.7974, 13.0796



18.9144, 17.7974, 54.3041

Complementary

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



23.9579, 17.7974, 7.0230



22.2784, 27.9084, 48.4684

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.



14.5434, 17.7974, 53.4418



23.9579, 17.7974, 7.0230



9.8857, 17.7974, 25.4294

Square

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



23.9579, 17.7974, 7.0230



11.7327, 17.7974, 6.4345



11.4097, 17.7974, 41.3130



23.4370, 17.7974, 43.3184

Rectangle

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



23.9579, 17.7974, 7.0230



16.4692, 17.7974, 3.7793



11.4097, 17.7974, 41.3130



17.3706, 17.7974, 55.4957

Sweetspot

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



23.9583, 17.7984, 7.0233



65.7150, 64.2708, 58.8643



27.1623, 16.0269, 33.3071



14.0926, 13.6068, 12.0742



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



23.9583, 17.7984, 7.0233



39.6468, 26.3756, 6.2707



30.8958, 31.6732, 9.3358



9.1669, 9.3368, 9.4259



14.2422, 8.2607, 0.8438



0.5499, 0.3869, 0.0457

Inverse Universe

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



22.2784, 27.9084, 48.4684



36.2072, 45.8060, 87.1688



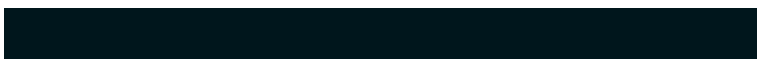
14.8728, 13.0972, 45.9999



9.0877, 9.8526, 11.5022



12.6733, 15.8063, 33.6360



0.4901, 0.6439, 1.2002

Previews

White Background



This preview shows how the XYZ color 23.9579, 17.7974, 7.0230 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 23.9579, 17.7974, 7.0230 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 23.9579, 17.7974, 7.0230

Background



This preview shows how black text looks on a background with the XYZ color 23.9579, 17.7974, 7.0230.



This preview shows how white text looks on a background with the XYZ color 23.9579, 17.7974,

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

23.9579, 17.7974, 7.0230

Protanopia

16.6166, 18.0405, 9.0849

Deuteranopia

18.2868, 17.9343, 6.7728



Tritanopia

25.1511, 17.7971, 12.4655

Trichromacy



Original Color

23.9579, 17.7974, 7.0230

Protanomaly

18.6808, 17.4632, 8.1805

Deuteranomaly

19.8932, 17.5067, 6.7455

Tritanomaly

24.5412, 17.6559, 10.0971

Monochromacy



Original Color

23.9579, 17.7974, 7.0230

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

17.9128, 16.6416, 13.3344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9579, 17.7974, 7.0230 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(182, 91, 64)` looks like.

```
.text, #text, p{  
    color:rgb(182, 91, 64)  
}
```

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(182, 91, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 91, 64) }
```

Border

The CSS property to change the border of an element to XYZ 23.9579, 17.7974, 7.0230 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(182, 91, 64) }
```


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

```
.border{ border-color:rgb(182, 91, 64) }
```

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

Here you see how a box with a 4 pixel rgb(182, 91, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 91, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 91, 64);  
box-shadow:4px 4px 4px 4px rgb(182, 91,  
64) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9579, 17.7974, 7.0230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 91, 64) }
```

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

```
.background{ background-color: rgb(182, 91,  
64) }
```

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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