

Converting Colors

XYZ(23.9540, 16.7583, 8.3524)

Have a look what the booklet for
XYZ(23.9540, 16.7583, 8.3524)
contains.

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Color

**XYZ(24.0630, 16.8579,
8.2890)**

Conversions

Conversions Part 1

Format	Color
Hex	B85349
RGB	184, 83, 73
RGB Percent	72%, 33%, 29%
CMY	0.2784, 0.6745, 0.7137
CMYK	0.00, 0.55, 0.60, 0.28
HSL	5°, 44%, 50%
HSV	5°, 60%, 72%
XYZ	24.0630, 16.8579, 8.2890
YIQ	112.0590, 63.4060, 18.3020

Conversions

Conversions Part 2

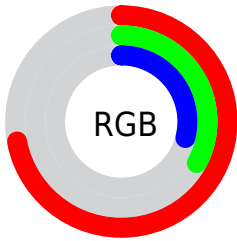
Format	Color
RYB	184, 84, 73
Decimal	12079945
CIELab	48.08, 40.10, 25.72
CIELCh	48, 47.637, 32.678
Yxy	16.8579, 0.4890, 0.3426
Android (android.graphics.Color)	4290270025 (0xFFB85349)
YUV	112.0590, -19.2561, 63.0923
Hunter-Lab	41.0584, 32.7610, 16.7712

Details

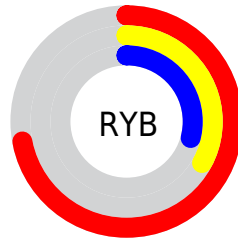
The XYZ color **24.0630, 16.8579, 8.2890** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.5343, 35.1470, 50.7326**, and the grayscale version is **15.4607, 16.2659, 17.7135**.

A 20% lighter version of the original color is **49.4851, 37.9662, 23.1324**, and **9.3159, 5.5043, 1.7338** is the 20% darker color. If you saturate the color by 10%, you get **22.4108, 14.3898, 5.1608**, and if you desaturate by 10%, it is **26.2057, 20.0186, 12.4712**.

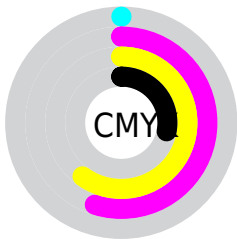
Distribution



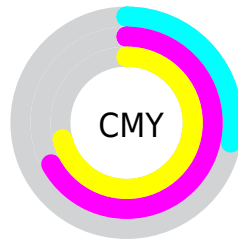
- Red (72%)
- Green (33%)
- Blue (29%)



- Red (72%)
- Yellow (33%)
- Blue (29%)



- Cyan (0%)
- Magenta (55%)
- Yellow (60%)
- Black (28%)





- Cyan (28%)
- Magenta (67%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.0630, 16.8579, 8.2890 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 24.0630, 16.8579, 8.2890 by changing the saturation by 10% instead.


 24.0630, 16.8579,
8.2890


 24.0630, 16.8579,
8.2890


265.5734,
234.3522, 188.0000


 15.5054, 10.1332,
4.1900


 49.5869, 38.0813,
23.0785

 9.2634, 5.4874,
1.7302


 67.2839, 53.3488,
34.6062

 4.9719, 2.5360,
0.3813

 88.7580, 72.2327,
49.4471

 2.2654, 0.8946,
0.0000

 114.3747, 95.1174,
68.0198

 0.7769, 0.0000,
0.0000

 144.4992,
122.3873, 90.7430

 0.0000, 0.0000,
0.0000

179.4969,

154.4268, 118.0350

219.7332,
191.6203, 150.3145

■ 24.0630, 16.8579,
8.2890

■ 24.0630, 16.8579,
8.2890

■ 22.4108, 14.3898,
5.1608

■ 26.2057, 20.0186,
12.4712

■ 21.2089, 12.5596,
2.9916

■ 28.8726, 23.9156,
17.7895

■ 20.4124, 11.3090,
1.6708

■ 32.0957, 28.5923,
24.3187

■ 19.9611, 10.5784,
0.9898

■ 35.9041, 34.0881,
32.1271

■ 40.3249, 40.4394,
41.2779

■ 45.3835, 47.6807,
51.8300

■ 51.1038, 55.8445,
63.8390

■ 57.5086, 64.9616,
77.3573

■ 64.6195, 75.0616,
92.4347

Harmonies

Analogous

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



25.8127, 16.8579, 17.2683



24.0630, 16.8579, 8.2890



20.1373, 16.8579, 4.3101

Triad

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



24.0630, 16.8579, 8.2890



9.7285, 16.8579, 9.4721



16.4134, 16.8579, 53.7532

Complementary

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



24.0630, 16.8579, 8.2890



26.5343, 35.1470, 50.7326

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.



12.5110, 16.8579, 48.5614



24.0630, 16.8579, 8.2890



9.0865, 16.8579, 19.4871

Square

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



24.0630, 16.8579, 8.2890



11.9508, 16.8579, 4.7462



10.0088, 16.8579, 34.3901



20.9287, 16.8579, 46.4703

Rectangle

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



24.0630, 16.8579, 8.2890



17.1029, 16.8579, 3.4415



10.0088, 16.8579, 34.3901



14.9894, 16.8579, 53.4107

Sweetspot

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



24.0634, 16.8588, 8.2893



66.6175, 63.9977, 61.3975



29.8629, 18.0408, 42.3369



13.8923, 13.1214, 12.2689



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.



24.0634, 16.8588, 8.2893



39.9183, 25.0160, 8.0531



30.0223, 28.7767, 10.2756



9.0680, 9.1389, 9.3930



13.7807, 7.3378, 0.6900



0.5077, 0.3025, 0.0316

Inverse Universe

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



26.5343, 35.1470, 50.7326



44.7005, 60.8592, 91.5957



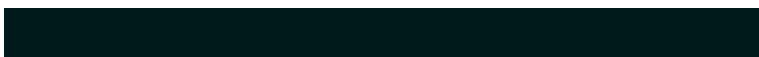
18.0261, 18.1305, 47.8966



9.1956, 10.0684, 11.5382



15.5657, 21.5911, 34.6002



0.5691, 0.8019, 1.2265

Previews

White Background



This preview shows how the XYZ color 24.0630, 16.8579, 8.2890 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 24.0630, 16.8579, 8.2890 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 24.0630, 16.8579, 8.2890

Background



This preview shows how black text looks on a background with the XYZ color 24.0630, 16.8579, 8.2890.



This preview shows how white text looks on a background with the XYZ color 24.0630, 16.8579,

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

24.0630, 16.8579, 8.2890

Protanopia

15.9788, 17.1443, 11.2711

Deuteranopia

17.2668, 17.0582, 7.8513



Tritanopia

24.6297, 16.8710, 10.7624

Trichromacy



Original Color

24.0630, 16.8579, 8.2890

Protanomaly

18.0125, 16.3143, 9.9842

Deuteranomaly

19.1802, 16.5251, 7.9731

Tritanomaly

24.5101, 16.9430, 9.7631

Monochromacy



Original Color

24.0630, 16.8579, 8.2890

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

17.3395, 15.5925, 13.6510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0630, 16.8579, 8.2890 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(184, 83, 73)` looks like.

```
.text, #text, p{  
    color:rgb(184, 83, 73)  
}
```

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(184, 83, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 83, 73) }
```

Border

The CSS property to change the border of an element to XYZ 24.0630, 16.8579, 8.2890 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(184, 83, 73) }
```


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

```
.border{ border-color:rgb(184, 83, 73) }
```

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

Here you see how a box with a 4 pixel rgb(184, 83, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 83, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 83, 73);  
box-shadow:4px 4px 4px 4px rgb(184, 83,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0630, 16.8579, 8.2890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 83, 73) }
```

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

```
.background{ background-color: rgb(184, 83,  
73) }
```

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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