

Converting Colors

XYZ(23.5376, 16.4708, 8.2171)

Have a look what the booklet for
XYZ(23.5376, 16.4708, 8.2171)
contains.

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Color

**XYZ(23.5113, 16.4607,
8.2414)**

Conversions

Conversions Part 1

Format	Color
Hex	B65249
RGB	182, 82, 73
RGB Percent	71%, 32%, 29%
CMY	0.2863, 0.6784, 0.7137
CMYK	0.00, 0.55, 0.60, 0.29
HSL	5°, 43%, 50%
HSV	5°, 60%, 71%
XYZ	23.5113, 16.4607, 8.2414
YIQ	110.8740, 62.4890, 18.4010

Conversions

Conversions Part 2

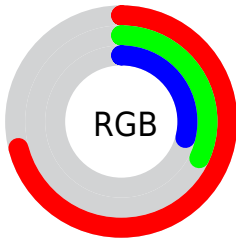
Format	Color
R_{YB}	182, 83, 73
Decimal	11948617
CIE Lab	47.57, 39.85, 25.01
CIE LCh	48, 47.045, 32.112
Yxy	16.4607, 0.4877, 0.3414
Android (android.graphics.Color)	4290138697 (0xFFB65249)
YUV	110.8740, -18.6719, 62.3775
Hunter-Lab	40.5718, 32.4399, 16.3566

Details

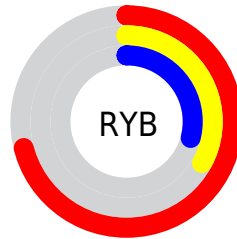
The XYZ color **23.5113, 16.4607, 8.2414** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **26.1337, 34.6789, 49.5721**, and the grayscale version is **15.1132, 15.9002, 17.3153**.

A 20% lighter version of the original color is **48.6559, 37.3326, 23.0538**, and **8.9982, 5.3023, 1.7116** is the 20% darker color. If you saturate the color by 10%, you get **21.8843, 14.0352, 5.1451**, and if you desaturate by 10%, it is **25.6220, 19.5712, 12.3702**.

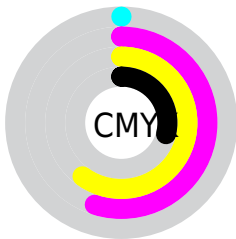
Distribution



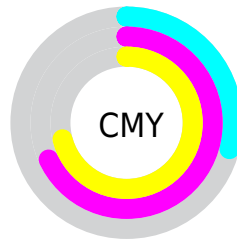
- Red (71%)
- Green (32%)
- Blue (29%)



- Red (71%)
- Yellow (33%)
- Blue (29%)



- Cyan (0%)
- Magenta (55%)
- Yellow (60%)
- Black (29%)



- Cyan (29%)
- Magenta (68%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5113, 16.4607, 8.2414 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 23.5113, 16.4607, 8.2414 by changing the saturation by 10% instead.

■ 23.5113, 16.4607,
8.2414

■ 23.5113, 16.4607,
8.2414

262.8269,
232.0451, 187.6181

■ 15.0943, 9.8507,
4.1598

■ 48.6920, 37.3962,
22.9843

■ 8.9723, 5.3001,
1.7134

■ 66.1864, 52.4905,
34.4827

■ 4.7801, 2.4244,
0.3699

■ 87.4374, 71.1817,
49.2904

■ 2.1522, 0.8384,
0.0000

■ 112.8101, 93.8542,
67.8260

■ 0.7174, 0.0000,
0.0000

■ 142.6701,
120.8924, 90.5080

■ 0.0000, 0.0000,
0.0000

177.3827,

152.6807, 117.7550

217.3132,
189.6034, 149.9855

■ 23.5113, 16.4607,
8.2414

■ 23.5113, 16.4607,
8.2414

■ 21.8843, 14.0352,
5.1451

■ 25.6220, 19.5712,
12.3702

■ 20.7012, 12.2405,
2.9892

■ 28.2496, 23.4104,
17.6111

■ 19.9181, 11.0186,
1.6666

■ 31.4255, 28.0214,
24.0369

■ 19.4664, 10.2934,
0.9666

■ 35.1786, 33.4431,
31.7140

■ 19.4627, 10.2877,
0.9599

■ 39.5355, 39.7120,
40.7037

■ 44.5212, 46.8621,
51.0635

■ 50.1595, 54.9258,
62.8474

■ 56.4725, 63.9336,
76.1065

■ 63.4818, 73.9149,
90.8892

Harmonies

Analogous

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



25.1586, 16.4607, 17.0858



23.5113, 16.4607, 8.2414



19.7253, 16.4607, 4.2848

Triad

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



23.5113, 16.4607, 8.2414



9.5493, 16.4607, 9.1505



15.9442, 16.4607, 52.2908

Complementary

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



23.5113, 16.4607, 8.2414



26.1337, 34.6789, 49.5721

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.



12.1708, 16.4607, 47.0369



23.5113, 16.4607, 8.2414



8.8953, 16.4607, 18.7869

Square

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



23.5113, 16.4607, 8.2414



11.7410, 16.4607, 4.6208



9.7645, 16.4607, 33.2022



20.3317, 16.4607, 45.4373

Rectangle

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



23.5113, 16.4607, 8.2414



16.7775, 16.4607, 3.4048



9.7645, 16.4607, 33.2022



14.5654, 16.4607, 51.8780

Sweetspot

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



23.5117, 16.4616, 8.2417



64.9566, 62.3297, 59.9192



29.3856, 17.7949, 42.3061



13.8742, 13.0853, 12.2629



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.



23.5117, 16.4616, 8.2417



38.8765, 24.2406, 7.8465



29.1254, 27.6890, 10.1129



9.0627, 9.1283, 9.3912



13.7654, 7.3072, 0.6849



0.5054, 0.2979, 0.0309

Inverse Universe

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



26.1337, 34.6789, 49.5721



43.9812, 60.0939, 89.5170



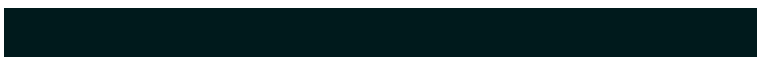
17.9358, 18.2831, 46.8394



9.2015, 10.0803, 11.5401



15.7400, 21.9397, 34.6583



0.5737, 0.8111, 1.2281

Previews

White Background



This preview shows how the XYZ color 23.5113, 16.4607, 8.2414 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 23.5113, 16.4607, 8.2414

Background



This preview shows how black text looks on a background with the XYZ color 23.5113, 16.4607, 8.2414.



This preview shows how white text looks on a background with the XYZ color 23.5113, 16.4607,

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

23.5113, 16.4607, 8.2414

Protanopia

15.4700, 16.5471, 11.1826

Deuteranopia

16.8872, 16.5458, 7.7724



Tritanopia

24.0768, 16.4765, 10.7154

Trichromacy



Original Color

23.5113, 16.4607, 8.2414

Protanomaly

17.5643, 15.9365, 9.9349

Deuteranomaly

18.8938, 16.2359, 7.9324

Tritanomaly

23.9561, 16.5462, 9.7157

Monochromacy



Original Color

23.5113, 16.4607, 8.2414

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

17.0314, 15.2958, 13.3640

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5113, 16.4607, 8.2414 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, 82, 73)` looks like.

```
.text, #text, p{  
    color:rgb(182, 82, 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(182, 82, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 82, 73) }
```

Border

The CSS property to change the border of an element to XYZ 23.5113, 16.4607, 8.2414 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, 82, 73) }
```


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

```
.border{ border-color:rgb(182, 82, 73) }
```

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

Here you see how a box with a 4 pixel rgb(182, 82, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 82, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 82, 73);  
box-shadow:4px 4px 4px 4px rgb(182, 82,  
73) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5113, 16.4607, 8.2414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 82, 73) }
```

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

```
.background{ background-color: rgb(182, 82,  
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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