

Converting Colors

XYZ(23.3705, 15.7010, 60.1914)

Have a look what the booklet for
XYZ(23.3705, 15.7010, 60.1914)
contains.

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Color

**XYZ(23.3705, 15.7010,
60.1914)**

Conversions

Conversions Part 1

Format	Color
Hex	8056CE
RGB	128, 86, 206
RGB Percent	50%, 34%, 81%
CMY	0.4980, 0.6627, 0.1922
CMYK	0.38, 0.58, 0.00, 0.19
HSL	261°, 55%, 57%
HSV	261°, 58%, 81%
XYZ	23.3705, 15.7010, 60.1914
YIQ	112.2380, -13.4880, 46.2240

Conversions

Conversions Part 2

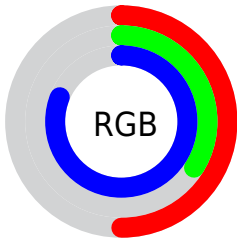
Format	Color
R_{YB}	128, 86, 206
Decimal	8410830
CIE _{Lab}	46.58, 43.50, -56.25
CIE _{LCh}	47, 71.106, 307.719
Yxy	15.7010, 0.2354, 0.1582
Android (android.graphics.Color)	4286600910 (0xFF8056CE)
YUV	112.2380, 46.2247, 13.8233
Hunter-Lab	39.6245, 35.9363, -62.3271

Details

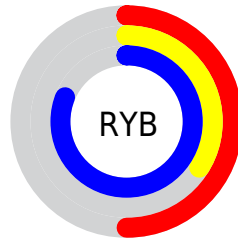
The XYZ color **23.3705, 15.7010, 60.1914** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **39.0607, 52.7071, 16.9192**, and the grayscale version is **15.3429, 16.1419, 17.5785**.

A 20% lighter version of the original color is **47.0032, 35.4256, 98.9682**, and **8.9200, 4.9352, 29.7606** is the 20% darker color. If you saturate the color by 10%, you get **20.0737, 11.9018, 59.6322**, and if you desaturate by 10%, it is **27.4084, 20.5860, 60.9218**.

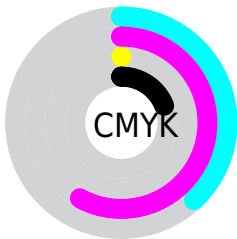
Distribution



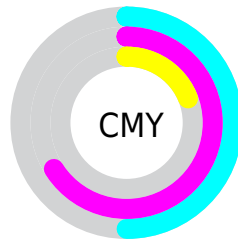
- Red (50%)
- Green (34%)
- Blue (81%)



- Red (50%)
- Yellow (34%)
- Blue (81%)



- Cyan (38%)
- Magenta (58%)
- Yellow (0%)
- Black (19%)



- Cyan (50%)
- Magenta (66%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3705, 15.7010, 60.1914 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 23.3705, 15.7010, 60.1914 by changing the saturation by 10% instead.

■ 23.3705, 15.7010,
60.1914

■ 23.3705, 15.7010,
60.1914

262.1222,
227.5709, 443.1271

■ 14.9895, 9.3128,
43.1466

■ 48.4632, 36.0783,
106.6534

■ 8.8983, 4.9458,
29.6679

■ 65.9056, 50.8363,
136.9076

■ 4.7315, 2.2155,
19.3368

■ 87.0991, 69.1530,
172.4021

■ 2.1237, 0.7284,
11.7346

■ 112.4093, 91.4127,
213.5554

■ 0.7021, 0.0000,
6.4429

■ 142.2013,
118.0000, 260.7860

■ 0.0000, 0.0000,
3.0431

176.8405,

■ 0.0000, 0.0000,

149.2992, 314.5125

1.1167

216.6924,
185.6947, 375.1533

■ 0.0000, 0.0000,
0.0000

■ 23.3705, 15.7010,
60.1914

■ 23.3705, 15.7010,
60.1914

■ 20.0737, 11.9018,
59.6322

■ 27.4084, 20.5860,
60.9218

■ 17.4635, 9.0976,
59.2285

■ 32.2320, 26.6342,
61.8350

■ 15.4804, 7.1845,
58.9637

■ 37.8847, 33.9176,
62.9429

■ 14.0382, 6.0080,
58.8127

■ 44.4057, 42.5019,
64.2561

■ 13.8210, 5.8380,
58.7913

■ 51.8318, 52.4478,
65.7845

■ 60.1975, 63.8124,
67.5372

■ 69.5355, 76.6494,
69.5228

■ 79.8767, 91.0095,
71.7495

■ 85.7931, 96.0261,
72.4060

Harmonies

Analogous

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



16.5652, 15.7010, 77.2230



23.3705, 15.7010, 60.1914



28.7243, 15.7010, 33.3797

Triad

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



23.3705, 15.7010, 60.1914



19.8602, 15.7010, 1.0155



6.0174, 15.7010, 22.0490

Complementary

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



23.3705, 15.7010, 60.1914



39.0607, 52.7071, 16.9192

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.



6.4500, 15.7010, 7.2160



23.3705, 15.7010, 60.1914



13.3937, 15.7010, 0.6885

Square

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



23.3705, 15.7010, 60.1914



26.3408, 15.7010, 3.6343



8.8050, 15.7010, 1.8753



7.3992, 15.7010, 47.2311

Rectangle

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



23.3705, 15.7010, 60.1914



30.0946, 15.7010, 18.4767



8.8050, 15.7010, 1.8753



5.9643, 15.7010, 15.7853

Sweetspot

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



23.3712, 15.7015, 60.1918



73.1290, 70.4344, 104.3486



28.2541, 32.9860, 63.2707



15.1610, 14.4228, 22.2348



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



23.3712, 15.7015, 60.1918



31.3130, 17.9452, 96.4211



35.2078, 21.8035, 60.7457



10.9660, 11.0318, 14.1217



8.6059, 3.6440, 36.2061



0.5257, 0.2301, 1.8717

Inverse Universe

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



35.4823, 22.4580, 37.5858



53.4313, 30.3270, 53.2099



29.4603, 47.7579, 16.4699



11.5143, 11.3344, 13.2429



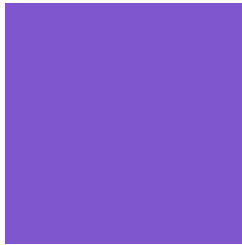
18.3661, 9.1570, 14.9127



0.9826, 0.4864, 0.9540

Previews

White Background



This preview shows how the XYZ color 23.3705, 15.7010, 60.1914 looks on a white background.

Color Contrast Check

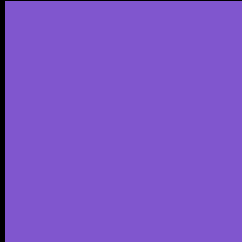
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3705, 15.7010, 60.1914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

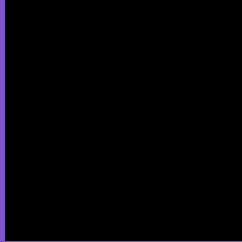
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3705, 15.7010, 60.1914

Background



This preview shows how black text looks on a background with the XYZ color 23.3705, 15.7010, 60.1914.



This preview shows how white text looks on a background with the XYZ color 23.3705, 15.7010,

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

23.3705, 15.7010, 60.1914

Protanopia

18.8815, 15.7991, 74.0059

Deuteranopia

16.1030, 15.7119, 56.2168



Tritanopia

15.1526, 15.7111, 19.3735

Trichromacy



Original Color

23.3705, 15.7010, 60.1914

Protanomaly

18.4203, 14.6425, 68.8733

Deuteranomaly

16.6832, 14.5691, 57.8099

Tritanomaly

17.3612, 15.2224, 30.8773

Monochromacy



Original Color

23.3705, 15.7010, 60.1914

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

17.5098, 15.6274, 29.2876

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3705, 15.7010, 60.1914 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(128, 86, 206)` looks like.

```
.text, #text, p{  
    color:rgb(128, 86, 206)  
}
```

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(128, 86, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 86, 206) }
```

Border

The CSS property to change the border of an element to XYZ 23.3705, 15.7010, 60.1914 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(128, 86, 206) }
```


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

```
.border{ border-color:rgb(128, 86, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 86, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 86, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 86, 206);  
box-shadow:4px 4px 4px 4px rgb(128, 86,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3705, 15.7010, 60.1914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 86, 206) }
```

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

```
.background{ background-color: rgb(128, 86,  
206) }
```

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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