

Converting Colors

XYZ(17.1124, 15.3866, 30.3933)

Have a look what the booklet for
XYZ(17.1124, 15.3866, 30.3933)
contains.

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Color

**XYZ(17.0851, 15.3811,
30.5021)**

Conversions

Conversions Part 1

Format	Color
Hex	716795
RGB	113, 103, 149
RGB Percent	44%, 40%, 58%
CMY	0.5569, 0.5961, 0.4157
CMYK	0.24, 0.31, 0.00, 0.42
HSL	253°, 18%, 49%
HSV	253°, 31%, 58%
XYZ	17.0851, 15.3811, 30.5021
YIQ	111.2340, -8.8060, 16.4260

Conversions

Conversions Part 2

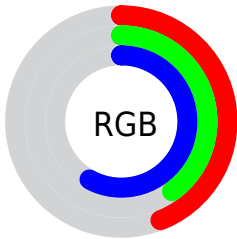
Format	Color
RYB	113, 103, 149
Decimal	7432085
CIELab	46.15, 14.29, -23.71
CIElCh	46, 27.678, 301.076
Yxy	15.3811, 0.2713, 0.2443
Android (android.graphics.Color)	4285622165 (0xFF716795)
YUV	111.2340, 18.6186, 1.5488
Hunter-Lab	39.2187, 9.1282, -18.6593

Details

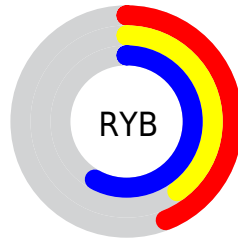
The XYZ color **17.0851, 15.3811, 30.5021** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **23.8434, 27.9634, 16.9733**, and the grayscale version is **15.1272, 15.9150, 17.3314**.

A 20% lighter version of the original color is **38.0610, 35.5300, 61.3519**, and **5.7331, 4.8002, 12.1796** is the 20% darker color. If you saturate the color by 10%, you get **14.3281, 11.9526, 29.9859**, and if you desaturate by 10%, it is **20.3001, 19.4384, 31.1161**.

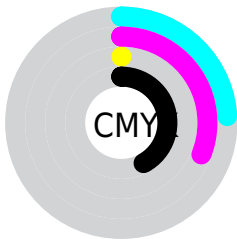
Distribution



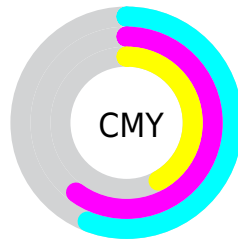
- Red (44%)
- Green (40%)
- Blue (58%)



- Red (44%)
- Yellow (40%)
- Blue (58%)



- Cyan (24%)
- Magenta (31%)
- Yellow (0%)
- Black (42%)



- Cyan (56%)
- Magenta (60%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.0851, 15.3811, 30.5021 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 17.0851, 15.3811, 30.5021 by changing the saturation by 10% instead.

■ 17.0851, 15.3811,
30.5021

■ 17.0851, 15.3811,
30.5021

228.8090,
225.6615, 318.5178

■ 10.3909, 9.0873,
19.9647

■ 38.0145, 35.5204,
61.5257

■ 5.7231, 4.7982,
12.1856

■ 52.9803, 50.1346,
82.8490

■ 2.7165, 2.1293,
6.7461

■ 71.4341, 68.2911,
108.6046

■ 1.0057, 0.6810,
3.2278

■ 93.7411, 90.3743,
139.2113

■ 0.0000, 0.0000,
1.2121

120.2667,
116.7685, 175.0873

■ 0.0000, 0.0000,
0.0000

151.3764,

147.8582, 216.6514

187.4353,
184.0277, 264.3220

■ 17.0851, 15.3811,
30.5021

■ 17.0851, 15.3811,
30.5021

■ 14.3281, 11.9526,
29.9859

■ 20.3001, 19.4384,
31.1161

■ 12.0061, 9.1193,
29.5614

■ 23.9913, 24.1523,
31.8314

■ 10.0966, 6.8471,
29.2235

■ 28.1781, 29.5510,
32.6528

■ 8.5744, 5.0978,
28.9660

■ 32.8780, 35.6605,
33.5843

■ 7.4111, 3.8282,
28.7823

■ 38.1079, 42.5055,
34.6299

■ 6.5744, 2.9878,
28.6642

■ 43.8837, 50.1095,
35.7932

■ 6.0328, 2.4833,
28.5954

■ 50.2208, 58.4950,
37.0777

■ 57.1339, 67.6834,
38.4869

■ 64.6373, 77.6955,
40.0240

Harmonies

Analogous

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



14.7045, 15.3811, 33.3612



17.0851, 15.3811, 30.5021



18.9547, 15.3811, 23.8404

Triad

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



17.0851, 15.3811, 30.5021



16.9221, 15.3811, 7.7634



10.5407, 15.3811, 16.9922

Complementary

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



17.0851, 15.3811, 30.5021



23.8434, 27.9634, 16.9733

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.



11.0011, 15.3811, 11.2225



17.0851, 15.3811, 30.5021



14.5344, 15.3811, 6.8349

Square

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



17.0851, 15.3811, 30.5021



18.8537, 15.3811, 10.9024



12.4029, 15.3811, 7.9103



11.0717, 15.3811, 24.3785

Rectangle

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



17.0851, 15.3811, 30.5021



19.5680, 15.3811, 18.8422



12.4029, 15.3811, 7.9103



10.5843, 15.3811, 14.8139

Sweetspot

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



17.0856, 15.3817, 30.5025



44.1680, 44.7986, 57.2403



20.2562, 23.5288, 31.9079



9.5776, 9.6574, 12.6441



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



17.0856, 15.3817, 30.5025



27.1150, 23.2044, 53.9710



20.4234, 17.1024, 30.6587



5.6104, 5.6901, 7.2723



5.0993, 2.1013, 24.0679



0.0836, 0.0367, 0.2956

Inverse Universe

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



21.9053, 17.9547, 26.7375



37.2251, 28.6079, 45.7909



20.4029, 26.1898, 16.8123



5.9819, 5.8878, 7.0108



13.1260, 6.4554, 14.6761



0.1714, 0.0833, 0.2363

Previews

White Background



This preview shows how the XYZ color 17.0851, 15.3811, 30.5021 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 17.0851, 15.3811, 30.5021 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 17.0851, 15.3811, 30.5021

Background



This preview shows how black text looks on a background with the XYZ color 17.0851, 15.3811, 30.5021.



This preview shows how white text looks on a background with the XYZ color 17.0851, 15.3811,

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

17.0851, 15.3811, 30.5021

Protanopia

15.9362, 15.5118, 32.2911

Deuteranopia

15.7449, 15.4599, 30.1712



Tritanopia

14.8021, 15.3711, 19.3263

Trichromacy



Original Color

17.0851, 15.3811, 30.5021

Protanomaly

16.3010, 15.3998, 31.8191

Deuteranomaly

16.0928, 15.3298, 30.1277

Tritanomaly

15.5268, 15.3516, 22.9137

Monochromacy



Original Color

17.0851, 15.3811, 30.5021

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.7463, 15.6505, 21.5930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0851, 15.3811, 30.5021 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(113, 103, 149)` looks like.

```
.text, #text, p{  
    color:rgb(113, 103, 149)  
}
```

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(113, 103, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 103, 149) }
```

Border

The CSS property to change the border of an element to XYZ 17.0851, 15.3811, 30.5021 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(113, 103, 149) }
```


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

```
.border{ border-color:rgb(113, 103, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 103, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 103, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 103, 149);  
box-shadow:4px 4px 4px 4px rgb(113, 103,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0851, 15.3811, 30.5021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 103, 149) }
```

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

```
.background{ background-color: rgb(113,  
103, 149) }
```

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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