

Converting Colors

XYZ(17.1970, 15.9650, 30.4157)

Have a look what the booklet for
XYZ(17.1970, 15.9650, 30.4157)
contains.

XYZ(17.1344, 15.8575, 30.5915)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.1344, 15.8575,
30.5915)**

Conversions

Conversions Part 1

Format	Color
Hex	6F6A95
RGB	111, 106, 149
RGB Percent	44%, 42%, 58%
CMY	0.5647, 0.5843, 0.4157
CMYK	0.26, 0.29, 0.00, 0.42
HSL	247°, 17%, 50%
HSV	247°, 29%, 58%
XYZ	17.1344, 15.8575, 30.5915
YIQ	112.3970, -10.8230, 14.4330

Conversions

Conversions Part 2

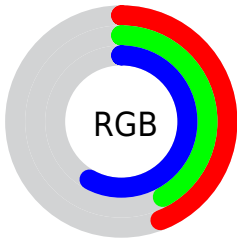
Format	Color
RYB	111, 106, 149
Decimal	7301781
CIELab	46.79, 11.82, -22.74
CIELCh	47, 25.627, 297.467
Yxy	15.8575, 0.2695, 0.2494
Android (android.graphics.Color)	4285491861 (0xFF6F6A95)
YUV	112.3970, 18.0453, -1.2252
Hunter-Lab	39.8215, 7.1175, -17.6725

Details

The XYZ color **17.1344, 15.8575, 30.5915** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **24.8510, 28.4651, 17.8208**, and the grayscale version is **15.4690, 16.2746, 17.7231**.

A 20% lighter version of the original color is **37.9407, 36.2123, 61.4899**, and **5.7552, 5.0339, 12.2236** is the 20% darker color. If you saturate the color by 10%, you get **14.1938, 12.2571, 30.0518**, and if you desaturate by 10%, it is **20.5871, 20.1187, 31.2323**.

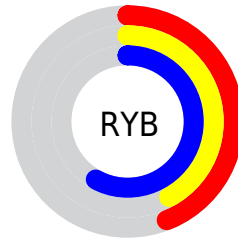
Distribution



Red (44%)

Green (42%)

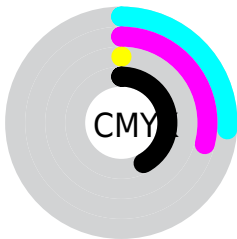
Blue (58%)



Red (44%)

Yellow (42%)

Blue (58%)

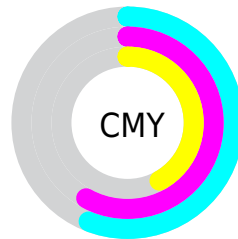


Cyan (26%)

Magenta (29%)

Yellow (0%)

Black (42%)



Cyan (56%)

Magenta (58%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1344, 15.8575, 30.5915 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 17.1344, 15.8575, 30.5915 by changing the saturation by 10% instead.

■ 17.1344, 15.8575,
30.5915

■ 17.1344, 15.8575,
30.5915

229.0869,
228.4994, 318.9446

■ 10.4263, 9.4234,
20.0321

■ 38.0985, 36.3506,
61.6684

■ 5.7469, 5.0183,
12.2341

■ 53.0851, 51.1784,
83.0230

■ 2.7310, 2.2580,
6.7788

■ 71.5620, 69.5729,
108.8130

■ 1.0132, 0.7514,
3.2478

■ 93.8944, 91.9185,
139.4571

■ 0.0000, 0.0000,
1.2225

120.4477,
118.5995, 175.3738

■ 0.0000, 0.0000,
0.0000

151.5874,

150.0004, 216.9816

187.6786,
186.5056, 264.6990

■ 17.1344, 15.8575,
30.5915

■ 17.1344, 15.8575,
30.5915

■ 14.1938, 12.2571,
30.0518

■ 20.5871, 20.1187,
31.2323

■ 11.7394, 9.2825,
29.6070

■ 24.5731, 25.0696,
31.9778

■ 9.7451, 6.8983,
29.2519

■ 29.1144, 30.7396,
32.8329

■ 8.1819, 5.0650,
28.9805

■ 34.2312, 37.1558,
33.8017

■ 7.0175, 3.7380,
28.7857

■ 39.9428, 44.3441,
34.8881

■ 6.2148, 2.8656,
28.6596

■ 46.2674, 52.3290,
36.0960

■ 5.7086, 2.3436,
28.5855

■ 53.2226, 61.1339,
37.4289

■ 5.6619, 2.2921,
28.5781

■ 60.8252, 70.7813,
38.8904

■ 69.0914, 81.2928,
40.4836

Harmonies

Analogous

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



14.8836, 15.8575, 32.6420



17.1344, 15.8575, 30.5915



18.9777, 15.8575, 24.7359

Triad

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



17.1344, 15.8575, 30.5915



17.4940, 15.8575, 8.8541



11.1865, 15.8575, 16.7297

Complementary

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



17.1344, 15.8575, 30.5915



24.8510, 28.4651, 17.8208

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.



11.7428, 15.8575, 11.4755



17.1344, 15.8575, 30.5915



15.2621, 15.8575, 7.6846

Square

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



17.1344, 15.8575, 30.5915



19.1992, 15.8575, 12.2055



13.1823, 15.8575, 8.5114



11.5833, 15.8575, 23.5619

Rectangle

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



17.1344, 15.8575, 30.5915



19.6499, 15.8575, 20.0662



13.1823, 15.8575, 8.5114



11.2669, 15.8575, 14.7395

Sweetspot

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



17.1349, 15.8581, 30.5919



43.7596, 44.5880, 57.2212



21.4487, 25.3937, 32.2051



9.4756, 9.6048, 12.6393



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.



17.1349, 15.8581, 30.5919



26.9809, 23.8567, 54.1040



20.0638, 17.3680, 30.7289



5.5584, 5.6633, 7.2699



4.7796, 1.9366, 24.0529



0.0707, 0.0300, 0.2950

Inverse Universe

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



22.5829, 18.7118, 28.8075



38.5075, 29.8984, 50.1474



21.5465, 26.7616, 17.6662



6.0066, 5.8977, 7.1408



13.9253, 6.7752, 18.8853



0.1771, 0.0856, 0.2660

Previews

White Background



This preview shows how the XYZ color 17.1344, 15.8575, 30.5915 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 17.1344, 15.8575, 30.5915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

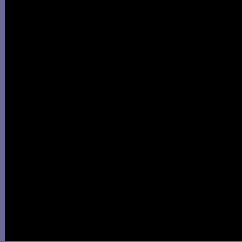
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.1344, 15.8575, 30.5915

Background



This preview shows how black text looks on a background with the XYZ color 17.1344, 15.8575, 30.5915.



This preview shows how white text looks on a background with the XYZ color 17.1344, 15.8575,

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

17.1344, 15.8575, 30.5915

Protanopia

16.2817, 15.8569, 31.9083

Deuteranopia

16.1808, 15.8421, 30.2220



Tritanopia

14.9003, 15.7282, 20.0198

Trichromacy



Original Color

17.1344, 15.8575, 30.5915

Protanomaly

16.5420, 15.8431, 31.4643

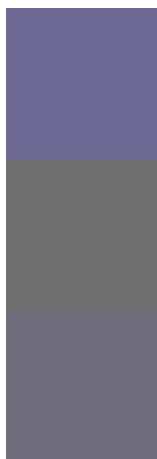
Deuteranomaly

16.5336, 15.8665, 30.2081

Tritanomaly

15.6288, 15.7018, 23.6797

Monochromacy



Original Color

17.1344, 15.8575, 30.5915

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.9597, 16.0773, 21.6641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1344, 15.8575, 30.5915 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(111, 106, 149)` looks like.

```
.text, #text, p{  
    color:rgb(111, 106, 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(111, 106, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 106, 149) }
```

Border

The CSS property to change the border of an element to XYZ 17.1344, 15.8575, 30.5915 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(111, 106, 149) }
```


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

```
.border{ border-color:rgb(111, 106, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 106, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 106, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 106, 149); box-shadow:4px 4px 4px 4px rgb(111, 106, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1344, 15.8575, 30.5915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 106, 149) }
```

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

```
.background{ background-color: rgb(111,  
106, 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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