

Converting Colors

XYZ(17.2469, 17.1292, 35.8070)

Have a look what the booklet for
XYZ(17.2469, 17.1292, 35.8070)
contains.

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Color

**XYZ(17.1863, 17.0595,
35.6447)**

Conversions

Conversions Part 1

Format	Color
Hex	6072A0
RGB	96, 114, 160
RGB Percent	38%, 45%, 63%
CMY	0.6235, 0.5529, 0.3725
CMYK	0.40, 0.29, 0.00, 0.37
HSL	223°, 25%, 50%
HSV	223°, 40%, 63%
XYZ	17.1863, 17.0595, 35.6447
YIQ	113.8620, -25.4940, 10.4900

Conversions

Conversions Part 2

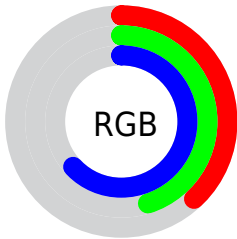
Format	Color
R _Y B	96, 110, 160
Decimal	6320800
CIE Lab	48.33, 5.43, -26.92
CIE LCh	48, 27.460, 281.410
Yxy	17.0595, 0.2459, 0.2441
Android (android.graphics.Color)	4284510880 (0xFF6072A0)
YUV	113.8620, 22.7460, -15.6650
Hunter-Lab	41.3031, 1.9936, -22.2552

Details

The XYZ color **17.1863, 17.0595, 35.6447** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **26.2818, 27.6644, 15.0214**, and the grayscale version is **15.8929, 16.7205, 18.2087**.

A 20% lighter version of the original color is **38.2964, 38.5683, 69.7160**, and **5.7372, 5.5370, 14.9537** is the 20% darker color. If you saturate the color by 10%, you get **14.4546, 13.8454, 35.1686**, and if you desaturate by 10%, it is **20.4249, 20.7777, 36.1920**.

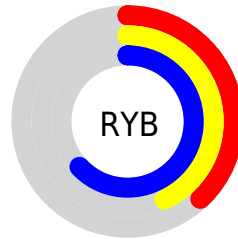
Distribution



Red (38%)

Green (45%)

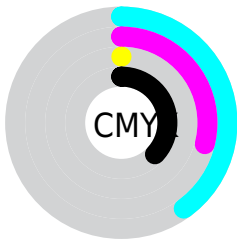
Blue (63%)



Red (38%)

Yellow (43%)

Blue (63%)

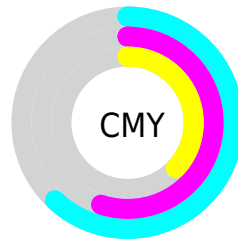


Cyan (40%)

Magenta (29%)

Yellow (0%)

Black (37%)



Cyan (62%)

Magenta (55%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.1863, 17.0595, 35.6447 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 17.1863, 17.0595, 35.6447 by changing the saturation by 10% instead.

■ 17.1863, 17.0595,
35.6447

■ 17.1863, 17.0595,
35.6447

229.3791,
235.5150, 342.3952

■ 10.4635, 10.2769,
23.8724

■ 38.1869, 38.4280,
69.6462

■ 5.7720, 5.5830,
15.0277

■ 53.1954, 53.7828,
92.7124

■ 2.7463, 2.5932,
8.6920

■ 71.6965, 72.7638,
120.3804

■ 1.0210, 0.9232,
4.4468

■ 94.0556, 95.7553,
153.0687

■ 0.0000, 0.0000,
1.8735

120.6381,
123.1418, 191.1957

■ 0.0000, 0.0000,
0.4758

151.8093,

■ 0.0000, 0.0000,

155.3076, 235.1802

0.0000

187.9345,
192.6372, 285.4405

■ 17.1863, 17.0595,
35.6447

■ 17.1863, 17.0595,
35.6447

■ 14.4546, 13.8454,
35.1686

■ 20.4249, 20.7777,
36.1920

■ 12.2010, 11.1107,
34.7595

■ 24.1936, 25.0194,
36.8121

■ 10.3966, 8.8313,
34.4147

■ 28.5161, 29.8052,
37.5080

■ 9.0082, 6.9798,
34.1305

■ 33.4140, 35.1542,
38.2823

■ 7.9976, 5.5256,
33.9030

■ 38.9082, 41.0843,
39.1374

■ 7.2837, 4.4151,
33.7263

■ 45.0179, 47.6126,
40.0755

■ 7.2837, 4.4150,
33.7263

■ 51.7620, 54.7556,
41.0988

■ 59.1582, 62.5292,
42.2094

■ 67.2237, 70.9485,
43.4094

Harmonies

Analogous

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



14.7269, 17.0595, 34.9587



17.1863, 17.0595, 35.6447



19.6140, 17.0595, 30.9613

Triad

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



17.1863, 17.0595, 35.6447



20.1022, 17.0595, 10.8626



12.0640, 17.0595, 14.5150

Complementary

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



17.1863, 17.0595, 35.6447



26.2818, 27.6644, 15.0214

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.



13.2325, 17.0595, 10.0306



17.1863, 17.0595, 35.6447



17.7991, 17.0595, 8.3274

Square

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



17.1863, 17.0595, 35.6447



21.4095, 17.0595, 15.9772



15.2801, 17.0595, 8.0683



11.9363, 17.0595, 21.4400

Rectangle

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



17.1863, 17.0595, 35.6447



20.8226, 17.0595, 25.9894



15.2801, 17.0595, 8.0683



12.3420, 17.0595, 12.7245

Sweetspot

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



17.1869, 17.0601, 35.6451



49.9351, 52.0899, 67.8090



22.2676, 29.5778, 30.0746



10.7401, 11.1907, 14.8376



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



17.1869, 17.0601, 35.6451



26.7349, 25.7230, 63.9425



16.9423, 14.2108, 35.1080



6.4291, 6.7240, 8.3657



5.7071, 3.5058, 26.2831



0.1351, 0.1288, 0.4810

Inverse Universe

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



21.7178, 17.0547, 18.0675



36.2755, 26.2551, 26.8082



26.5603, 32.1097, 15.8648



6.7059, 6.6753, 7.3026



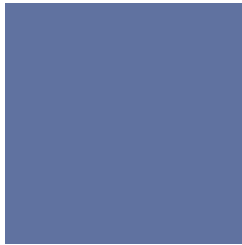
11.6789, 5.9761, 2.5601



0.2255, 0.1135, 0.1336

Previews

White Background



This preview shows how the XYZ color 17.1863, 17.0595, 35.6447 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 17.1863, 17.0595, 35.6447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

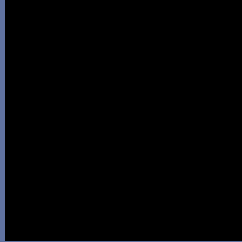
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

XYZ 17.1863, 17.0595, 35.6447

Background



This preview shows how black text looks on a background with the XYZ color 17.1863, 17.0595, 35.6447.



This preview shows how white text looks on a background with the XYZ color 17.1863, 17.0595,

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

17.1863, 17.0595, 35.6447

Protanopia

17.5300, 17.0802, 35.1738

Deuteranopia

17.3959, 17.0010, 35.6224



Tritanopia

14.7034, 17.0926, 23.2931

Trichromacy



Original Color

17.1863, 17.0595, 35.6447

Protanomaly

17.3087, 16.9661, 35.1634

Deuteranomaly

17.2873, 16.9450, 35.6173

Tritanomaly

15.5264, 17.0745, 27.2883

Monochromacy



Original Color

17.1863, 17.0595, 35.6447

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

16.1775, 16.7991, 23.8626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.1863, 17.0595, 35.6447 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(96, 114, 160)` looks like.

```
.text, #text, p{  
    color:rgb(96, 114, 160)  
}
```

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(96, 114, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 114, 160) }
```

Border

The CSS property to change the border of an element to XYZ 17.1863, 17.0595, 35.6447 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(96, 114, 160) }
```


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

```
.border{ border-color:rgb(96, 114, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 114, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 114, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 114, 160);  
box-shadow:4px 4px 4px 4px rgb(96, 114,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 17.1863, 17.0595, 35.6447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 114, 160) }
```

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

```
.background{ background-color: rgb(96, 114,  
160) }
```

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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