

Converting Colors

XYZ(11.6603, 11.9031, 17.0707)

Have a look what the booklet for
XYZ(11.6603, 11.9031, 17.0707)
contains.

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Color

**XYZ(11.6217, 11.8628,
17.0064)**

Conversions

Conversions Part 1

Format	Color
Hex	5D6070
RGB	93, 96, 112
RGB Percent	36%, 38%, 44%
CMY	0.6353, 0.6235, 0.5608
CMYK	0.17, 0.14, 0.00, 0.56
HSL	231°, 9%, 40%
HSV	231°, 17%, 44%
XYZ	11.6217, 11.8628, 17.0064
YIQ	96.9270, -6.9240, 4.3400

Conversions

Conversions Part 2

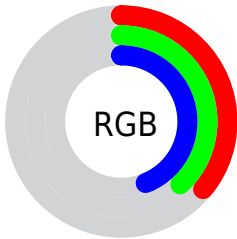
Format	Color
R_{YB}	93, 96, 112
Decimal	6119536
CIE Lab	41.00, 2.49, -9.44
CIE LCh	41, 9.760, 284.787
Yxy	11.8628, 0.2870, 0.2930
Android (android.graphics.Color)	4284309616 (0xFF5D6070)
YUV	96.9270, 7.4310, -3.4440
Hunter-Lab	34.4424, -0.0440, -5.1655

Details

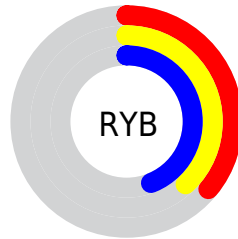
The XYZ color **11.6217, 11.8628, 17.0064** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.1265, 15.1721, 12.5401**, and the grayscale version is **11.3282, 11.9182, 12.9789**.

A 20% lighter version of the original color is **28.3074, 29.0777, 39.2426**, and **3.2383, 3.2557, 5.3082** is the 20% darker color. If you saturate the color by 10%, you get **9.7607, 9.7021, 16.6876**, and if you desaturate by 10%, it is **13.7527, 14.3166, 17.3679**.

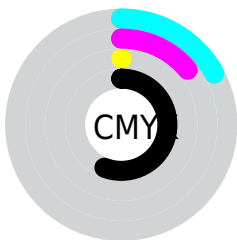
Distribution



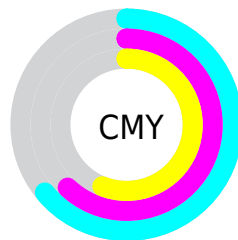
- Red (36%)
- Green (38%)
- Blue (44%)



- Red (36%)
- Yellow (38%)
- Blue (44%)



- Cyan (17%)
- Magenta (14%)
- Yellow (0%)
- Black (56%)



- Cyan (64%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 11.6217, 11.8628, 17.0064 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 11.6217, 11.8628, 17.0064 by changing the saturation by 10% instead.

■ 11.6217, 11.8628,
17.0064

■ 11.6217, 11.8628,
17.0064

195.7060,
203.4949, 247.2545

■ 6.5570, 6.6503,
10.0770

■ 28.4271, 29.2450,
39.1276

■ 3.2305, 3.2444,
5.3438

■ 40.8985, 42.1835,
55.1565

■ 1.2768, 1.2606,
2.3881

■ 56.5695, 58.4661,
75.0557

■ 0.1657, 0.1104,
0.7800

■ 75.8054, 78.4772,
99.2437

■ 0.0000, 0.0000,
0.0000

98.9717, 102.6013,
128.1390

126.4337,

131.2226, 162.1602

158.5566,
164.7257, 201.7258

■ 11.6217, 11.8628,
17.0064

■ 11.6217, 11.8628,
17.0064

■ 9.7607, 9.7021,
16.6876

■ 13.7527, 14.3166,
17.3679

■ 8.1578, 7.8220,
16.4092

■ 16.1629, 17.0724,
17.7728

■ 6.8018, 6.2113,
16.1698

■ 18.8623, 20.1405,
18.2227

■ 5.6803, 4.8576,
15.9676

■ 21.8601, 23.5304,
18.7190

■ 4.7797, 3.7473,
15.8008

■ 25.1651, 27.2512,
19.2630

■ 4.0849, 2.8656,
15.6672

■ 28.7857, 31.3114,
19.8559

■ 3.5792, 2.1961,
15.5646

■ 32.7300, 35.7194,
20.4988

■ 3.2273, 1.7120,
15.4897

■ 37.0059, 40.4833,
21.1930

■ 3.1361, 1.5926,
15.4715

■ 41.6208, 45.6109,
21.9395

Harmonies

Analogous

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



10.9263, 11.8628, 16.9975



11.6217, 11.8628, 17.0064



12.2486, 11.8628, 15.8450

Triad

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



11.6217, 11.8628, 17.0064



12.2561, 11.8628, 10.3907



10.0276, 11.8628, 11.9328

Complementary

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



11.6217, 11.8628, 17.0064



14.1265, 15.1721, 12.5401

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.



10.3548, 11.8628, 10.3732



11.6217, 11.8628, 17.0064



11.6315, 11.8628, 9.5474

Square

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



11.6217, 11.8628, 17.0064



12.6251, 11.8628, 11.9590



10.9357, 11.8628, 9.5414



10.0252, 11.8628, 13.9239

Rectangle

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



11.6217, 11.8628, 17.0064



12.5352, 11.8628, 14.6263



10.9357, 11.8628, 9.5414



10.1026, 11.8628, 11.3456

Sweetspot

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



11.6221, 11.8633, 17.0067



24.8988, 25.9976, 30.6355



13.0599, 15.0162, 16.6312



5.9287, 6.1849, 7.3511



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



11.6221, 11.8633, 17.0067



19.1995, 19.4312, 29.6685



12.0213, 11.6702, 16.9484



3.2563, 3.3778, 4.2346



3.6128, 1.8160, 17.8817



17.5707, 8.1932, 88.9345

Inverse Universe

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



12.7080, 12.1182, 12.7362



21.4599, 19.9844, 20.7746



13.6744, 15.4226, 12.6123



3.4040, 3.4093, 3.6543



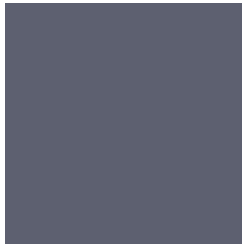
7.8419, 4.0291, 0.9776



38.8488, 19.9849, 3.7362

Previews

White Background



This preview shows how the XYZ color 11.6217, 11.8628, 17.0064 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 11.6217, 11.8628, 17.0064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

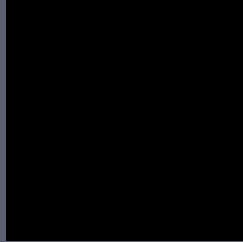
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

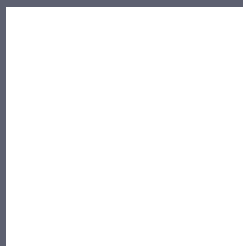
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.6217, 11.8628, 17.0064

Background



This preview shows how black text looks on a background with the XYZ color 11.6217, 11.8628, 17.0064.



This preview shows how white text looks on a background with the XYZ color 11.6217, 11.8628,

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

11.6217, 11.8628, 17.0064

Protanopia

11.7236, 11.9153, 17.0112

Deuteranopia

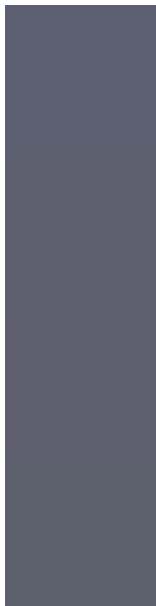
11.9643, 11.7719, 16.9709



Tritanopia

11.2381, 11.8446, 15.0585

Trichromacy



Original Color

11.6217, 11.8628, 17.0064

Protanomaly

11.7236, 11.9153, 17.0112

Deuteranomaly

11.8407, 11.8411, 16.9907

Tritanomaly

11.3951, 11.9074, 15.8851

Monochromacy



Original Color

11.6217, 11.8628, 17.0064

Achromatopsia

11.3621, 11.9538, 13.0177

Achromatomaly

11.4968, 11.9955, 14.2798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.6217, 11.8628, 17.0064 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(93, 96, 112) looks like.

```
.text, #text, p{  
    color:rgb(93, 96, 112)  
}
```

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(93, 96, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 96, 112) }
```

Border

The CSS property to change the border of an element to XYZ 11.6217, 11.8628, 17.0064 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(93, 96, 112) }
```


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

```
.border{ border-color:rgb(93, 96, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 96, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 96, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 96, 112);  
box-shadow:4px 4px 4px 4px rgb(93, 96,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 11.6217, 11.8628, 17.0064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 96, 112) }
```

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

```
.background{ background-color: rgb(93, 96,  
112) }
```

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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