

Converting Colors

XYZ(17.2741, 16.1627, 34.1076)

Have a look what the booklet for
XYZ(17.2741, 16.1627, 34.1076)
contains.

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Color

**XYZ(17.2741, 16.1627,
34.1076)**

Conversions

Conversions Part 1

Format	Color
Hex	696C9D
RGB	105, 108, 157
RGB Percent	41%, 42%, 62%
CMY	0.5882, 0.5765, 0.3843
CMYK	0.33, 0.31, 0.00, 0.38
HSL	237°, 21%, 51%
HSV	237°, 33%, 62%
XYZ	17.2741, 16.1627, 34.1076
YIQ	112.6890, -17.5170, 14.6030

Conversions

Conversions Part 2

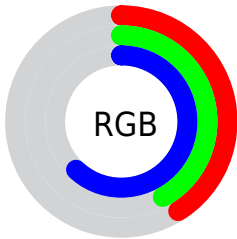
Format	Color
R_{YB}	105, 108, 157
Decimal	6909085
CIE _{Lab}	47.19, 10.86, -26.89
CIE _{LCh}	47, 28.996, 291.996
Yxy	16.1627, 0.2557, 0.2393
Android (android.graphics.Color)	4285099165 (0xFF696C9D)
YUV	112.6890, 21.8453, -6.7433
Hunter-Lab	40.2029, 6.3417, -22.1589

Details

The XYZ color **17.2741, 16.1627, 34.1076** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **28.0105, 31.2998, 17.9305**, and the grayscale version is **15.5456, 16.3552, 17.8108**.

A 20% lighter version of the original color is **38.3824, 36.8188, 67.3711**, and **5.7941, 5.1696, 14.0571** is the 20% darker color. If you saturate the color by 10%, you get **14.1674, 12.4384, 33.5528**, and if you desaturate by 10%, it is **20.9872, 20.5933, 34.7674**.

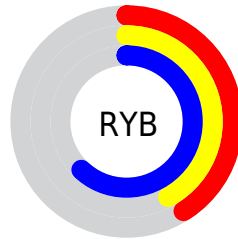
Distribution



Red (41%)

Green (42%)

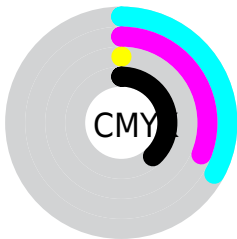
Blue (62%)



Red (41%)

Yellow (42%)

Blue (62%)

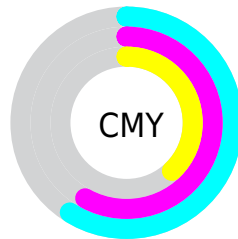


Cyan (33%)

Magenta (31%)

Yellow (0%)

Black (38%)



Cyan (59%)

Magenta (58%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2741, 16.1627, 34.1076 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 17.2741, 16.1627, 34.1076 by changing the saturation by 10% instead.

■ 17.2741, 16.1627,
34.1076

■ 17.2741, 16.1627,
34.1076

229.8726,
230.2999, 335.3954

■ 10.5266, 9.6394,
22.6982

■ 38.3363, 36.8804,
67.2368

■ 5.8144, 5.1605,
14.1676

■ 53.3818, 51.8436,
89.7937

■ 2.7722, 2.3417,
8.0973

■ 71.9239, 70.3888,
116.9035

■ 1.0344, 0.7957,
4.0686

■ 94.3281, 92.9006,
148.9848

■ 0.0000, 0.0000,
1.6631

120.9597,
119.7631, 186.4560

■ 0.0000, 0.0000,
0.3352

152.1841,

■ 0.0000, 0.0000,

151.3609, 229.7359

0.0000

188.3666,
188.0784, 279.2428

■ 17.2741, 16.1627,
34.1076

■ 17.2741, 16.1627,
34.1076

■ 14.1674, 12.4384,
33.5528

■ 20.9872, 20.5933,
34.7674

■ 11.6332, 9.3821,
33.0964

■ 25.3347, 25.7622,
35.5359

■ 9.6371, 6.9549,
32.7331

■ 30.3449, 31.7015,
36.4183

■ 8.1400, 5.1128,
32.4565

■ 36.0441, 38.4410,
37.4187

■ 7.0977, 3.8064,
32.2592

■ 42.4569, 46.0088,
38.5415

■ 6.4581, 2.9779,
32.1330

■ 49.6068, 54.4319,
39.7905

■ 6.1842, 2.6309,
32.0805

■ 57.5162, 63.7357,
41.1694

■ 66.2067, 73.9448,
42.6819

■ 75.6988, 85.0828,
44.3315

Harmonies

Analogous

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



14.6890, 16.1627, 35.5034



17.2741, 16.1627, 34.1076



19.5618, 16.1627, 27.7459

Triad

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



17.2741, 16.1627, 34.1076



18.5856, 16.1627, 8.6858



10.9976, 16.1627, 15.7133

Complementary

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



17.2741, 16.1627, 34.1076



28.0105, 31.2998, 17.9305

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.



11.8112, 16.1627, 10.2868



17.2741, 16.1627, 34.1076



16.0556, 16.1627, 7.0287

Square

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



17.2741, 16.1627, 34.1076



20.3755, 16.1627, 12.8427



13.5968, 16.1627, 7.5202



11.2471, 16.1627, 23.4035

Rectangle

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



17.2741, 16.1627, 34.1076



20.5169, 16.1627, 22.3089



13.5968, 16.1627, 7.5202



11.1524, 16.1627, 13.6026

Sweetspot

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



17.2747, 16.1633, 34.1080



47.8728, 49.1052, 64.0818



23.6771, 29.4352, 34.8025



10.2870, 10.5121, 14.0572



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.2747, 16.1633, 34.1080



26.5851, 23.7328, 60.3065



19.9700, 17.0913, 34.1450



6.3139, 6.4936, 8.3273



5.0322, 2.1559, 26.0581



0.0980, 0.0545, 0.4686

Inverse Universe

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



21.6635, 18.3546, 16.5889



35.7483, 28.3900, 23.7109



24.5134, 30.2411, 17.9104



6.6478, 6.6520, 6.9965



11.3382, 5.8399, 0.7661



0.2068, 0.1060, 0.0349

Previews

White Background



This preview shows how the XYZ color 17.2741, 16.1627, 34.1076 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 17.2741, 16.1627, 34.1076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

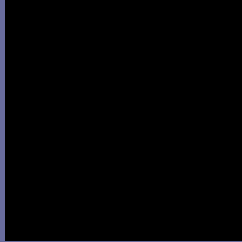
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.2741, 16.1627, 34.1076

Background



This preview shows how black text looks on a background with the XYZ color 17.2741, 16.1627, 34.1076.

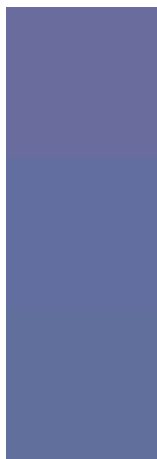


This preview shows how white text looks on a background with the XYZ color 17.2741, 16.1627,

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

17.2741, 16.1627, 34.1076

Protanopia

16.7637, 16.1965, 35.0436

Deuteranopia

16.5091, 16.2560, 33.7201



Tritanopia

14.8058, 16.3134, 21.4372

Trichromacy



Original Color

17.2741, 16.1627, 34.1076

Protanomaly

16.8957, 16.1152, 34.5678

Deuteranomaly

16.7223, 16.2048, 33.6990

Tritanomaly

15.6049, 16.1326, 25.5840

Monochromacy



Original Color

17.2741, 16.1627, 34.1076

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

16.0773, 16.2689, 23.0617

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2741, 16.1627, 34.1076 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(105, 108, 157)` looks like.

```
.text, #text, p{  
    color:rgb(105, 108, 157)  
}
```

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(105, 108, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 108, 157) }
```

Border

The CSS property to change the border of an element to XYZ 17.2741, 16.1627, 34.1076 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(105, 108, 157) }
```


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

```
.border{ border-color:rgb(105, 108, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 108, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 108, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 108, 157);  
box-shadow:4px 4px 4px 4px rgb(105, 108,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2741, 16.1627, 34.1076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 108, 157) }
```

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

```
.background{ background-color: rgb(105,  
108, 157) }
```

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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