

Converting Colors

XYZ(15.6717, 15.7507, 26.9731)

Have a look what the booklet for
XYZ(15.6717, 15.7507, 26.9731)
contains.

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Color

**XYZ(15.6764, 15.8120,
27.0367)**

Conversions

Conversions Part 1

Format	Color
Hex	656E8C
RGB	101, 110, 140
RGB Percent	40%, 43%, 55%
CMY	0.6039, 0.5686, 0.4510
CMYK	0.28, 0.21, 0.00, 0.45
HSL	226°, 16%, 47%
HSV	226°, 28%, 55%
XYZ	15.6764, 15.8120, 27.0367
YIQ	110.7290, -14.9940, 7.4220

Conversions

Conversions Part 2

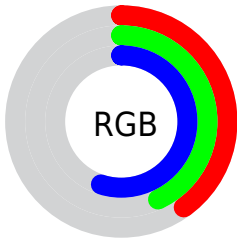
Format	Color
R_{YB}	101, 108, 140
Decimal	6647436
CIE Lab	46.73, 3.83, -17.56
CIE LCh	47, 17.970, 282.302
Yxy	15.8120, 0.2679, 0.2702
Android (android.graphics.Color)	4284837516 (0xFF656E8C)
YUV	110.7290, 14.4306, -8.5323
Hunter-Lab	39.7643, 0.7830, -12.4777

Details

The XYZ color **15.6764, 15.8120, 27.0367** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **21.2808, 22.7479, 15.5816**, and the grayscale version is **14.9941, 15.7749, 17.1789**.

A 20% lighter version of the original color is **35.6193, 36.1571, 56.1406**, and **5.0912, 5.0501, 10.3793** is the 20% darker color. If you saturate the color by 10%, you get **13.1483, 12.8877, 26.6058**, and if you desaturate by 10%, it is **18.6138, 19.1577, 27.5279**.

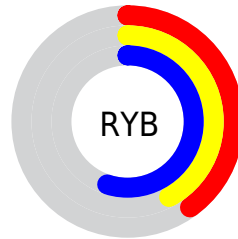
Distribution



Red (40%)

Green (43%)

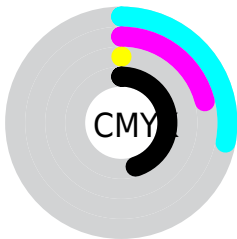
Blue (55%)



Red (40%)

Yellow (42%)

Blue (55%)

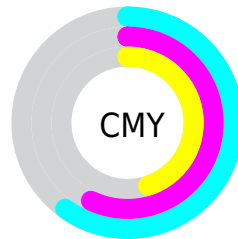


Cyan (28%)

Magenta (21%)

Yellow (0%)

Black (45%)



Cyan (60%)

Magenta (57%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.6764, 15.8120, 27.0367 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 15.6764, 15.8120, 27.0367 by changing the saturation by 10% instead.

■ 15.6764, 15.8120,
27.0367

■ 15.6764, 15.8120,
27.0367

220.7327,
228.2298, 301.6006

■ 9.3848, 9.3912,
17.3681

■ 35.5975, 36.2715,
55.9472

■ 5.0522, 4.9972,
10.3326

■ 49.9578, 51.0790,
76.0262

■ 2.3130, 2.2456,
5.5115

■ 67.7383, 69.4509,
100.4124

■ 0.8013, 0.7447,
2.4865

■ 89.3045, 91.7716,
129.5244

■ 0.0000, 0.0000,
0.8330

115.0217,
118.4254, 163.7806

■ 0.0000, 0.0000,
0.0000

145.2552,

149.7968, 203.5997

180.3704,
186.2701, 249.4002

■ 15.6764, 15.8120,
27.0367

■ 15.6764, 15.8120,
27.0367

■ 13.1483, 12.8877,
26.6058

■ 18.6138, 19.1577,
27.5279

■ 11.0094, 10.3659,
26.2317

■ 21.9764, 22.9389,
28.0806

■ 9.2402, 8.2288,
25.9125

■ 25.7809, 27.1716,
28.6970

■ 7.8187, 6.4569,
25.6454

■ 30.0429, 31.8701,
29.3793

■ 6.7206, 5.0283,
25.4275

■ 34.7771, 37.0482,
30.1292

■ 5.9181, 3.9191,
25.2557

■ 39.9974, 42.7191,
30.9487

■ 5.3611, 3.0926,
25.1255

■ 45.7174, 48.8957,
31.8394

■ 5.2585, 2.9432,
25.1021

■ 51.9500, 55.5900,
32.8031

■ 58.7076, 62.8139,
33.8412

Harmonies

Analogous

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



14.1361, 15.8120, 26.7552



15.6764, 15.8120, 27.0367



17.1373, 15.8120, 24.3761

Triad

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



15.6764, 15.8120, 27.0367



17.3559, 15.8120, 12.0623



12.3509, 15.8120, 14.7372

Complementary

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



15.6764, 15.8120, 27.0367



21.2808, 22.7479, 15.5816

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.



13.1008, 15.8120, 11.6172



15.6764, 15.8120, 27.0367



15.9583, 15.8120, 10.2665

Square

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



15.6764, 15.8120, 27.0367



18.1509, 15.8120, 15.4520



14.3993, 15.8120, 10.1191



12.2870, 15.8120, 19.1107

Rectangle

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



15.6764, 15.8120, 27.0367



17.8413, 15.8120, 21.5217



14.3993, 15.8120, 10.1191



12.5286, 15.8120, 13.5276

Sweetspot

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



15.6769, 15.8126, 27.0371



38.5480, 40.2217, 49.4748



18.8353, 23.1592, 24.9150



8.6848, 9.0469, 11.3679



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



15.6769, 15.8126, 27.0371



24.9502, 24.7787, 47.2107



15.9938, 14.6069, 26.7876



4.8623, 5.0675, 6.3277



4.6857, 2.6417, 22.3086



0.0407, 0.0367, 0.1514

Inverse Universe

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



18.2838, 16.0091, 16.8789



30.3217, 25.3303, 26.2467



20.8721, 24.4103, 15.9241



5.0771, 5.0663, 5.4945



9.8519, 5.0509, 1.7246



0.0703, 0.0355, 0.0369

Previews

White Background



This preview shows how the XYZ color 15.6764, 15.8120, 27.0367 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 15.6764, 15.8120, 27.0367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

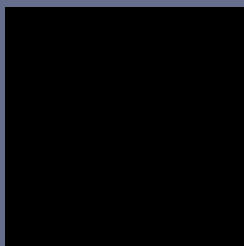
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

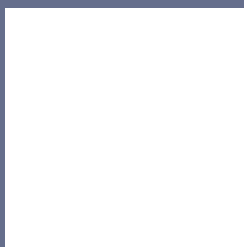
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.6764, 15.8120, 27.0367

Background



This preview shows how black text looks on a background with the XYZ color 15.6764, 15.8120, 27.0367.



This preview shows how white text looks on a background with the XYZ color 15.6764, 15.8120,

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

15.6764, 15.8120, 27.0367

Protanopia

15.7958, 15.7143, 27.0116

Deuteranopia

16.1461, 15.8949, 27.0280



Tritanopia

14.3477, 15.7568, 20.6975

Trichromacy



Original Color

15.6764, 15.8120, 27.0367

Protanomaly

15.6818, 15.6555, 27.0062

Deuteranomaly

15.9112, 15.7738, 27.0170

Tritanomaly

14.7936, 15.7700, 23.0331

Monochromacy



Original Color

15.6764, 15.8120, 27.0367

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.2607, 15.8998, 20.6770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.6764, 15.8120, 27.0367 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(101, 110, 140)` looks like.

```
.text, #text, p{  
    color:rgb(101, 110, 140)  
}
```

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(101, 110, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 110, 140) }
```

Border

The CSS property to change the border of an element to XYZ 15.6764, 15.8120, 27.0367 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(101, 110, 140) }
```


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

```
.border{ border-color:rgb(101, 110, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 110, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 110, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 110, 140);  
box-shadow:4px 4px 4px 4px rgb(101, 110,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 15.6764, 15.8120, 27.0367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 110, 140) }
```

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

```
.background{ background-color: rgb(101,  
110, 140) }
```

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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