

Converting Colors

XYZ(15.1509, 17.0480, 27.6914)

Have a look what the booklet for
XYZ(15.1509, 17.0480, 27.6914)
contains.

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Color

**XYZ(15.1509, 17.0480,
27.6914)**

Conversions

Conversions Part 1

Format	Color
Hex	55778D
RGB	85, 119, 141
RGB Percent	33%, 47%, 55%
CMY	0.6667, 0.5333, 0.4471
CMYK	0.40, 0.16, 0.00, 0.45
HSL	204°, 25%, 44%
HSV	204°, 40%, 55%
XYZ	15.1509, 17.0480, 27.6914
YIQ	111.3420, -27.3260, -0.3660

Conversions

Conversions Part 2

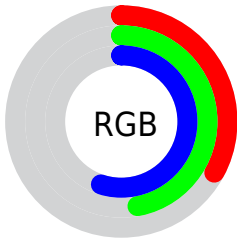
Format	Color
R_{YB}	85, 106, 141
Decimal	5601165
CIE _{Lab}	48.32, -6.14, -15.82
CIE _{LCh}	48, 16.966, 248.787
Yxy	17.0480, 0.2530, 0.2847
Android (android.graphics.Color)	4283791245 (0xFF55778D)
YUV	111.3420, 14.6214, -23.1019
Hunter-Lab	41.2892, -6.7563, -10.8615

Details

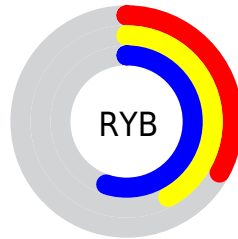
The XYZ color **15.1509, 17.0480, 27.6914** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **17.8824, 16.8346, 10.9019**, and the grayscale version is **15.1737, 15.9640, 17.3848**.

A 20% lighter version of the original color is **34.7298, 38.3843, 57.2082**, and **4.8347, 5.6191, 10.7273** is the 20% darker color. If you saturate the color by 10%, you get **13.3561, 15.1728, 27.4243**, and if you desaturate by 10%, it is **17.2403, 19.1329, 27.9840**.

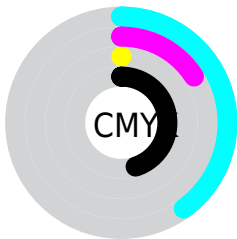
Distribution



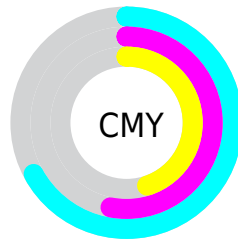
- Red (33%)
- Green (47%)
- Blue (55%)



- Red (33%)
- Yellow (42%)
- Blue (55%)



- Cyan (40%)
- Magenta (16%)
- Yellow (0%)
- Black (45%)



- Cyan (67%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1509, 17.0480, 27.6914 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 15.1509, 17.0480, 27.6914 by changing the saturation by 10% instead.

■ 15.1509, 17.0480,
27.6914

■ 15.1509, 17.0480,
27.6914

217.6481,
235.4488, 304.8548

■ 9.0124, 10.2687,
17.8561

■ 34.6872, 38.4083,
57.0085

■ 4.8064, 5.5775,
10.6784

■ 48.8156, 53.7581,
77.3275

■ 2.1677, 2.5899,
5.7396

■ 66.3381, 72.7335,
101.9781

■ 0.7256, 0.9216,
2.6212

■ 87.6199, 95.7189,
131.3789

■ 0.0000, 0.0000,
0.9033

■ 113.0265,
123.0988, 165.9484

■ 0.0000, 0.0000,
0.0000

142.9231,

155.2575, 206.1052

177.6752,
192.5794, 252.2678

■ 15.1509, 17.0480,
27.6914

■ 15.1509, 17.0480,
27.6914

■ 13.3561, 15.1728,
27.4243

■ 17.2403, 19.1329,
27.9840

■ 11.8384, 13.4961,
27.1807

■ 19.6374, 21.4340,
28.3018

■ 10.5808, 12.0087,
26.9599

■ 22.3562, 23.9599,
28.6461

■ 9.5637, 10.6993,
26.7608

■ 25.4094, 26.7180,
29.0175

■ 8.7640, 9.5550,
26.5820

■ 28.8091, 29.7154,
29.4169

■ 8.1220, 8.5440,
26.4207

■ 32.5667, 32.9588,
29.8449

■ 8.1043, 8.5162,
26.4163

■ 36.6929, 36.4546,
30.3022

■ 41.1983, 40.2091,
30.7894

■ 46.0926, 44.2281,
31.3072

Harmonies

Analogous

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



13.9937, 17.0480, 24.4272



15.1509, 17.0480, 27.6914



16.6623, 17.0480, 28.3192

Triad

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



15.1509, 17.0480, 27.6914



19.3249, 17.0480, 17.2910



14.4106, 17.0480, 12.6820

Complementary

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



15.1509, 17.0480, 27.6914



17.8824, 16.8346, 10.9019

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.



15.7534, 17.0480, 11.3516



15.1509, 17.0480, 27.6914



18.6348, 17.0480, 13.7205

Square

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



15.1509, 17.0480, 27.6914



19.1381, 17.0480, 21.8188



17.3040, 17.0480, 11.6989



13.5856, 17.0480, 15.6472

Rectangle

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



15.1509, 17.0480, 27.6914



17.6788, 17.0480, 27.0750



17.3040, 17.0480, 11.6989



14.8129, 17.0480, 12.0521

Sweetspot

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



15.1514, 17.0487, 27.6918



38.7417, 41.7185, 51.1384



15.8976, 22.0319, 17.1786



8.5312, 9.2054, 11.4066



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.



15.1514, 17.0487, 27.6918



24.1224, 27.3902, 49.1433



12.3415, 11.4288, 26.7551



5.3848, 5.7654, 6.8578



7.4052, 7.7965, 24.0917



0.0923, 0.1176, 0.2375

Inverse Universe

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



17.5633, 13.4923, 19.1319



29.2294, 20.5800, 30.8565



21.2144, 23.4985, 12.0126



5.5377, 5.4756, 6.3296



11.5409, 5.7734, 8.4998



0.1212, 0.0595, 0.1385

Previews

White Background



This preview shows how the XYZ color 15.1509, 17.0480, 27.6914 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 15.1509, 17.0480, 27.6914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

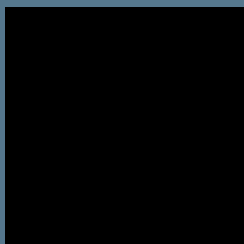
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

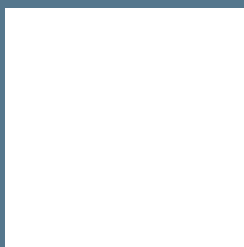
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1509, 17.0480, 27.6914

Background



This preview shows how black text looks on a background with the XYZ color 15.1509, 17.0480, 27.6914.



This preview shows how white text looks on a background with the XYZ color 15.1509, 17.0480,

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

15.1509, 17.0480, 27.6914

Protanopia

16.7272, 16.8676, 26.0411

Deuteranopia

17.2322, 16.9208, 27.9490



Tritanopia

14.4138, 17.1073, 24.0151

Trichromacy



Original Color

15.1509, 17.0480, 27.6914

Protanomaly

15.9737, 16.8058, 26.4467

Deuteranomaly

16.4927, 17.0392, 28.0108

Tritanomaly

14.6569, 17.0212, 25.4346

Monochromacy



Original Color

15.1509, 17.0480, 27.6914

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.0097, 16.2645, 20.7606

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1509, 17.0480, 27.6914 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(85, 119, 141) looks like.

```
.text, #text, p{  
    color:rgb(85, 119, 141)  
}
```

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(85, 119, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 119, 141) }
```

Border

The CSS property to change the border of an element to XYZ 15.1509, 17.0480, 27.6914 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(85, 119, 141) }
```


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

```
.border{ border-color:rgb(85, 119, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 119, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 119, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 119, 141);  
box-shadow:4px 4px 4px 4px rgb(85, 119,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1509, 17.0480, 27.6914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 119, 141) }
```

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

```
.background{ background-color: rgb(85, 119,  
141) }
```

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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