

Converting Colors

XYZ(15.0396, 17.6030, 25.7239)

Have a look what the booklet for
XYZ(15.0396, 17.6030, 25.7239)
contains.

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Color

**XYZ(15.0596, 17.5815,
25.8924)**

Conversions

Conversions Part 1

Format	Color
Hex	547A88
RGB	84, 122, 136
RGB Percent	33%, 48%, 53%
CMY	0.6706, 0.5216, 0.4667
CMYK	0.38, 0.10, 0.00, 0.47
HSL	196°, 24%, 43%
HSV	196°, 38%, 53%
XYZ	15.0596, 17.5815, 25.8924
YIQ	112.2340, -27.1420, -3.7020

Conversions

Conversions Part 2

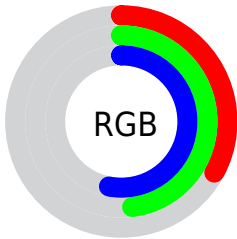
Format	Color
R _Y B	84, 106, 136
Decimal	5536392
CIE Lab	48.98, -9.55, -11.87
CIE LCh	49, 15.230, 231.181
Yxy	17.5815, 0.2573, 0.3004
Android (android.graphics.Color)	4283726472 (0xFF547A88)
YUV	112.2340, 11.7166, -24.7612
Hunter-Lab	41.9303, -9.2683, -7.2610

Details

The XYZ color **15.0596, 17.5815, 25.8924** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **16.1214, 14.6098, 10.3581**, and the grayscale version is **15.4426, 16.2468, 17.6928**.

A 20% lighter version of the original color is **34.4747, 39.1805, 53.8897**, and **4.7219, 5.7771, 9.6703** is the 20% darker color. If you saturate the color by 10%, you get **13.5176, 16.1321, 25.6942**, and if you desaturate by 10%, it is **16.8560, 19.1880, 26.1081**.

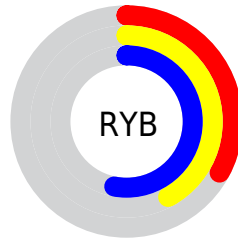
Distribution



Red (33%)

Green (48%)

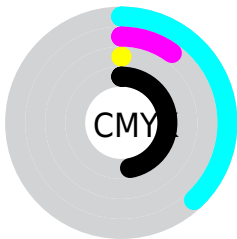
Blue (53%)



Red (33%)

Yellow (42%)

Blue (53%)

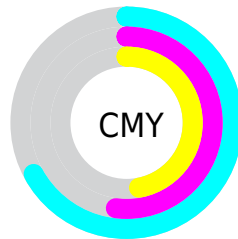


Cyan (38%)

Magenta (10%)

Yellow (0%)

Black (47%)



Cyan (67%)

Magenta (52%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0596, 17.5815, 25.8924 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 15.0596, 17.5815, 25.8924 by changing the saturation by 10% instead.

■ 15.0596, 17.5815,
25.8924

■ 15.0596, 17.5815,
25.8924

217.1079,
238.5015, 295.8421

■ 8.9478, 10.6499,
16.5181

■ 34.5285, 39.3229,
54.0833

■ 4.7640, 5.8320,
9.7332

■ 48.6163, 54.9016,
73.7369

■ 2.1428, 2.7432,
5.1191

■ 66.0935, 74.1314,
97.6541

■ 0.7123, 0.9992,
2.2574

■ 87.3255, 97.3967,
126.2534

■ 0.0000, 0.0000,
0.7072

■ 112.6776,
125.0820, 159.9533

■ 0.0000, 0.0000,
0.0000

142.5151,

157.5716, 199.1724

177.2034,
195.2500, 244.3291

■ 15.0596, 17.5815,
25.8924

■ 15.0596, 17.5815,
25.8924

■ 13.5176, 16.1321,
25.6942

■ 16.8560, 19.1880,
26.1081

■ 12.2144, 14.8303,
25.5116

■ 18.9181, 20.9565,
26.3408

■ 11.1352, 13.6686,
25.3443

■ 21.2582, 22.8939,
26.5914

■ 10.2629, 12.6378,
25.1913

■ 23.8874, 25.0064,
26.8606

■ 9.5775, 11.7275,
25.0517

■ 26.8165, 27.2996,
27.1488

■ 9.0346, 10.9143,
24.9234

■ 30.0552, 29.7789,
27.4567

■ 8.9428, 10.7752,
24.9013

■ 33.6132, 32.4495,
27.7846

■ 37.4996, 35.3164,
28.1332

■ 41.7230, 38.3841,
28.5027

Harmonies

Analogous

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



14.2957, 17.5815, 22.1047



15.0596, 17.5815, 25.8924



16.2963, 17.5815, 27.9400

Triad

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



15.0596, 17.5815, 25.8924



19.5515, 17.5815, 20.3651



15.7450, 17.5815, 12.7479

Complementary

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



15.0596, 17.5815, 25.8924



16.1214, 14.6098, 10.3581

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.



17.1321, 17.5815, 12.4189



15.0596, 17.5815, 25.8924



19.3833, 17.5815, 16.4589

Square

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



15.0596, 17.5815, 25.8924



18.9257, 17.5815, 24.4656



18.4783, 17.5815, 13.6824



14.6756, 17.5815, 14.6549

Rectangle

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



15.0596, 17.5815, 25.8924



17.2449, 17.5815, 27.8681



18.4783, 17.5815, 13.6824



16.1877, 17.5815, 12.4609

Sweetspot

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



15.0601, 17.5822, 25.8928



36.1712, 39.2877, 46.7252



14.6590, 20.3728, 14.6824



8.2647, 9.0061, 10.8091



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



15.0601, 17.5822, 25.8928



24.1345, 28.7308, 45.3219



12.2955, 12.0528, 24.9713



5.0609, 5.4647, 6.3939



8.4719, 10.2141, 23.5707



0.0684, 0.0921, 0.1606

Inverse Universe

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



16.8369, 12.9804, 20.0313



27.8328, 19.7495, 32.9876



18.9449, 20.2566, 11.2992



5.1774, 5.1064, 6.0224



11.7630, 5.8153, 11.7883



0.0843, 0.0411, 0.1105

Previews

White Background



This preview shows how the XYZ color 15.0596, 17.5815, 25.8924 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 15.0596, 17.5815, 25.8924 looks on a black 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

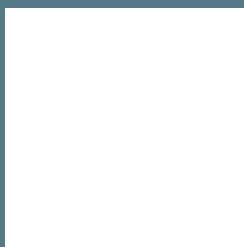
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0596, 17.5815, 25.8924

Background



This preview shows how black text looks on a background with the XYZ color 15.0596, 17.5815, 25.8924.



This preview shows how white text looks on a background with the XYZ color 15.0596, 17.5815,

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

15.0596, 17.5815, 25.8924

Protanopia

17.0375, 17.4109, 23.9354

Deuteranopia

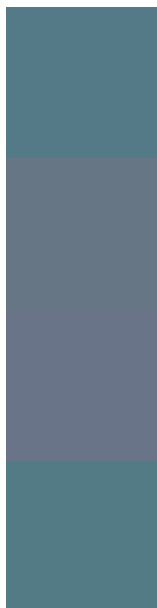
17.8287, 17.4271, 26.4689



Tritanopia

14.8151, 17.6709, 24.4598

Trichromacy



Original Color

15.0596, 17.5815, 25.8924

Protanomaly

16.1916, 17.4751, 24.7099

Deuteranomaly

16.5864, 17.3002, 26.1320

Tritanomaly

14.8839, 17.6984, 24.8220

Monochromacy



Original Color

15.0596, 17.5815, 25.8924

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.1761, 16.6960, 20.5120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0596, 17.5815, 25.8924 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(84, 122, 136)` looks like.

```
.text, #text, p{  
    color:rgb(84, 122, 136)  
}
```

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(84, 122, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 122, 136) }
```

Border

The CSS property to change the border of an element to XYZ 15.0596, 17.5815, 25.8924 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(84, 122, 136) }
```


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

```
.border{ border-color:rgb(84, 122, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 122, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 122, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 122, 136);  
box-shadow:4px 4px 4px 4px rgb(84, 122,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0596, 17.5815, 25.8924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 122, 136) }
```

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

```
.background{ background-color: rgb(84, 122,  
136) }
```

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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