

Converting Colors

XYZ(15.2491, 17.3809, 27.7319)

Have a look what the booklet for
XYZ(15.2491, 17.3809, 27.7319)
contains.

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Color

**XYZ(15.3012, 17.4826,
27.7673)**

Conversions

Conversions Part 1

Format	Color
Hex	54798D
RGB	84, 121, 141
RGB Percent	33%, 47%, 55%
CMY	0.6706, 0.5255, 0.4471
CMYK	0.40, 0.14, 0.00, 0.45
HSL	201°, 25%, 44%
HSV	201°, 40%, 55%
XYZ	15.3012, 17.4826, 27.7673
YIQ	112.2170, -28.4720, -1.6240

Conversions

Conversions Part 2

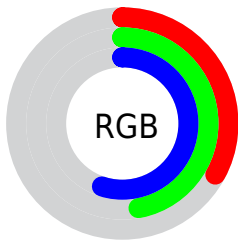
Format	Color
R_{YB}	84, 106, 141
Decimal	5536141
CIE _{Lab}	48.86, -7.58, -15.00
CIE _{LCh}	49, 16.805, 243.183
Yxy	17.4826, 0.2527, 0.2887
Android (android.graphics.Color)	4283726221 (0xFF54798D)
YUV	112.2170, 14.1900, -24.7463
Hunter-Lab	41.8122, -7.8492, -10.1057

Details

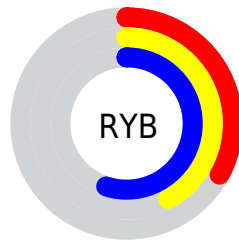
The XYZ color **15.3012, 17.4826, 27.7673** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **17.5354, 16.2037, 10.5914**, and the grayscale version is **15.4308, 16.2344, 17.6793**.

A 20% lighter version of the original color is **34.9472, 39.0615, 57.3275**, and **4.8654, 5.7301, 10.7471** is the 20% darker color. If you saturate the color by 10%, you get **13.5782, 15.7250, 27.5192**, and if you desaturate by 10%, it is **17.3102, 19.4342, 28.0384**.

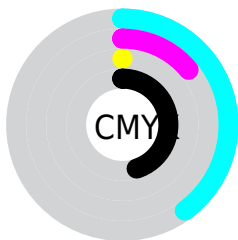
Distribution



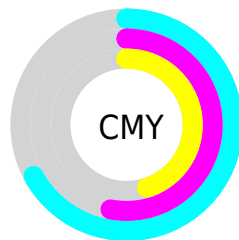
- Red (33%)
- Green (47%)
- Blue (55%)



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



- Cyan (40%)
- Magenta (14%)
- Yellow (0%)
- Black (45%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3012, 17.4826, 27.7673 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 15.3012, 17.4826, 27.7673 by changing the saturation by 10% instead.

■ 15.3012, 17.4826,
27.7673

■ 15.3012, 17.4826,
27.7673

218.5345,
237.9383, 305.2302

■ 9.1187, 10.5792,
17.9128

■ 34.9480, 39.1537,
57.1313

■ 4.8764, 5.7846,
10.7186

■ 49.1431, 54.6901,
77.4780

■ 2.2090, 2.7146,
5.7662

■ 66.7398, 73.8730,
102.1590

■ 0.7475, 0.9846,
2.6369

■ 88.1035, 97.0868,
131.5931

■ 0.0000, 0.0000,
0.9114

■ 113.5994,
124.7158, 166.1987

■ 0.0000, 0.0000,
0.0000

143.5930,

157.1445, 206.3944

178.4496,
194.7572, 252.5987

■ 15.3012, 17.4826,
27.7673

■ 15.3012, 17.4826,
27.7673

■ 13.5782, 15.7250,
27.5192

■ 17.3102, 19.4342,
28.0384

■ 12.1238, 14.1506,
27.2919

■ 19.6180, 21.5859,
28.3321

■ 10.9211, 12.7503,
27.0850

■ 22.2388, 23.9461,
28.6495

■ 9.9503, 11.5132,
26.8974

■ 25.1850, 26.5217,
28.9914

■ 9.1884, 10.4269,
26.7279

■ 28.4686, 29.3196,
29.3584

■ 8.5942, 9.4960,
26.5795

■ 32.1009, 32.3463,
29.7511

■ 36.0924, 35.6077,
30.1703

■ 40.4536, 39.1099,
30.6164

■ 45.1943, 42.8584,
31.0901

Harmonies

Analogous

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



14.2329, 17.4826, 24.1293



15.3012, 17.4826, 27.7673



16.7836, 17.4826, 28.9538

Triad

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



15.3012, 17.4826, 27.7673



19.7917, 17.4826, 18.5630



15.0300, 17.4826, 12.7188

Complementary

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



15.3012, 17.4826, 27.7673



17.5354, 16.2037, 10.5914

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.



16.4509, 17.4826, 11.6885



15.3012, 17.4826, 27.7673



19.2528, 17.4826, 14.7144

Square

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



15.3012, 17.4826, 27.7673



19.4369, 17.4826, 23.1755



18.0055, 17.4826, 12.3581



14.0834, 17.4826, 15.4206

Rectangle

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



15.3012, 17.4826, 27.7673



17.8244, 17.4826, 28.0641



18.0055, 17.4826, 12.3581



15.4648, 17.4826, 12.1865

Sweetspot

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



15.3018, 17.4833, 27.7677



38.9223, 42.0798, 51.1987



15.6776, 21.9334, 16.4911



8.5749, 9.2928, 11.4212



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.



15.3018, 17.4833, 27.7677



24.4226, 28.2722, 49.2978



12.3393, 11.5583, 26.7802



5.4032, 5.8021, 6.8639



7.8514, 8.6888, 24.2404



0.0958, 0.1246, 0.2387

Inverse Universe

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



17.6064, 13.3843, 19.7453



29.3122, 20.3500, 32.1038



20.8975, 22.9280, 11.7121



5.5470, 5.4793, 6.3784



11.7661, 5.8635, 9.6858



0.1230, 0.0602, 0.1477

Previews

White Background



This preview shows how the XYZ color 15.3012, 17.4826, 27.7673 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 15.3012, 17.4826, 27.7673 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

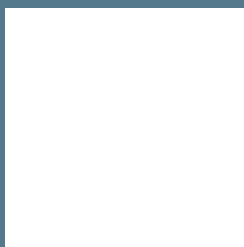
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3012, 17.4826, 27.7673

Background



This preview shows how black text looks on a background with the XYZ color 15.3012, 17.4826, 27.7673.



This preview shows how white text looks on a background with the XYZ color 15.3012, 17.4826,

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

15.3012, 17.4826, 27.7673

Protanopia

17.2016, 17.4471, 26.1279

Deuteranopia

17.6731, 17.3041, 28.3952



Tritanopia

14.6041, 17.3788, 24.4145

Trichromacy



Original Color

15.3012, 17.4826, 27.7673

Protanomaly

16.3156, 17.3243, 26.5287

Deuteranomaly

16.6074, 17.2686, 28.0490

Tritanomaly

14.9000, 17.5073, 25.5156

Monochromacy



Original Color

15.3012, 17.4826, 27.7673

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.1854, 16.5163, 21.1265

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3012, 17.4826, 27.7673 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, 121, 141)` looks like.

```
.text, #text, p{  
    color:rgb(84, 121, 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(84, 121, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 121, 141) }
```

Border

The CSS property to change the border of an element to XYZ 15.3012, 17.4826, 27.7673 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, 121, 141) }
```


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

```
.border{ border-color:rgb(84, 121, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 121, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 121, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 121, 141);  
box-shadow:4px 4px 4px 4px rgb(84, 121,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3012, 17.4826, 27.7673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 121, 141) }
```

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

```
.background{ background-color: rgb(84, 121,  
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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