

Converting Colors

XYZ(15.0611, 15.3132, 19.8835)

Have a look what the booklet for
XYZ(15.0611, 15.3132, 19.8835)
contains.

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Color

**XYZ(15.0594, 15.3324,
19.9350)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6C78
RGB	109, 108, 120
RGB Percent	43%, 42%, 47%
CMY	0.5725, 0.5765, 0.5294
CMYK	0.09, 0.10, 0.00, 0.53
HSL	245°, 5%, 45%
HSV	245°, 10%, 47%
XYZ	15.0594, 15.3324, 19.9350
YIQ	109.6670, -3.2560, 3.9440

Conversions

Conversions Part 2

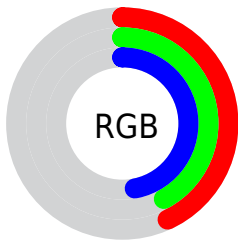
Format	Color
RYB	109, 108, 120
Decimal	7171192
CIELab	46.09, 2.94, -6.52
CIElCh	46, 7.155, 294.304
Yxy	15.3324, 0.2992, 0.3047
Android (android.graphics.Color)	4285361272 (0xFF6D6C78)
YUV	109.6670, 5.0942, -0.5850
Hunter-Lab	39.1566, 0.1260, -2.7755

Details

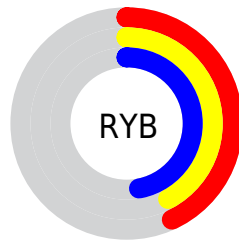
The XYZ color **15.0594, 15.3324, 19.9350** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.0315, 18.4380, 16.8493**, and the grayscale version is **14.7126, 15.4788, 16.8564**.

A 20% lighter version of the original color is **34.5425, 35.3519, 44.0327**, and **4.7629, 4.7975, 6.8059** is the 20% darker color. If you saturate the color by 10%, you get **12.6103, 12.3189, 19.4827**, and if you desaturate by 10%, it is **17.8531, 18.7829, 20.4540**.

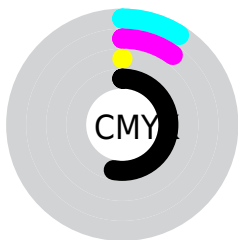
Distribution



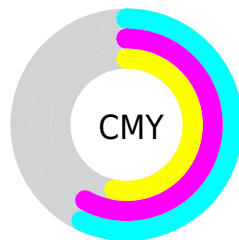
- Red (43%)
- Green (42%)
- Blue (47%)



- Red (43%)
- Yellow (42%)
- Blue (47%)



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (53%)



- Cyan (57%)
- Magenta (58%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0594, 15.3324, 19.9350 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 15.0594, 15.3324, 19.9350 by changing the saturation by 10% instead.

■ 15.0594, 15.3324,
19.9350

■ 15.0594, 15.3324,
19.9350

217.1067,
225.3694, 264.1556

■ 8.9477, 9.0530,
12.1642

■ 34.5282, 35.4353,
44.1657

■ 4.7639, 4.7758,
6.7317

■ 48.6159, 50.0275,
61.4627

■ 2.1427, 2.1163,
3.2190

■ 66.0930, 68.1595,
82.7722

■ 0.7123, 0.6738,
1.2075

■ 87.3249, 90.2156,
108.5127

■ 0.0000, 0.0000,
0.0000

112.6768,
116.5803, 139.1027

142.5142,

147.6379, 174.9609

177.2024,
183.7728, 216.5056

■ 15.0594, 15.3324,
19.9350

■ 15.0594, 15.3324,
19.9350

■ 12.6103, 12.3189,
19.4827

■ 17.8531, 18.7829,
20.4540

■ 10.4910, 9.7233,
19.0933

■ 21.0025, 22.6850,
21.0412

■ 8.6880, 7.5275,
18.7646

■ 24.5202, 27.0547,
21.6992

■ 7.1858, 5.7117,
18.4932

■ 28.4174, 31.9070,
22.4304

■ 5.9682, 4.2543,
18.2761

■ 32.7050, 37.2559,
23.2369

■ 5.0171, 3.1314,
18.1095

■ 37.3935, 43.1149,
24.1207

■ 4.3123, 2.3164,
17.9893

■ 42.4930, 49.4973,
25.0838

■ 3.8307, 1.7784,
17.9109

■ 48.0132, 56.4154,
26.1282

■ 3.5152, 1.4206,
17.8584

■ 53.9634, 63.8815,
27.2557

Harmonies

Analogous

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



14.4573, 15.3324, 20.2520



15.0594, 15.3324, 19.9350



15.5431, 15.3324, 18.7249

Triad

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



15.0594, 15.3324, 19.9350



15.2657, 15.3324, 14.1206



13.4405, 15.3324, 16.3643

Complementary

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



15.0594, 15.3324, 19.9350



17.0315, 18.4380, 16.8493

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.



13.6441, 15.3324, 14.8163



15.0594, 15.3324, 19.9350



14.6893, 15.3324, 13.5799

Square

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



15.0594, 15.3324, 19.9350



15.6645, 15.3324, 15.3541



14.0972, 15.3324, 13.8255



13.5334, 15.3324, 18.1105

Rectangle

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



15.0594, 15.3324, 19.9350



15.7275, 15.3324, 17.6165



14.0972, 15.3324, 13.8255



13.4764, 15.3324, 15.8050

Sweetspot

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



15.0599, 15.3330, 19.9353



29.8236, 31.0862, 35.6814



16.1956, 17.7859, 20.3489



6.9823, 7.2614, 8.4403



59.0181, 62.0916, 67.6177



7.4413, 7.8288, 8.5256

Same Dimension

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



15.0599, 15.3330, 19.9353



25.4456, 25.6841, 34.8695



15.7972, 15.7132, 19.9698



3.8257, 3.9080, 4.9959



3.8286, 1.5465, 19.4820



17.9515, 7.2164, 92.9165

Inverse Universe

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



16.4386, 16.0508, 19.6852



28.3850, 27.2144, 34.3273



16.2595, 18.0400, 16.8132



4.1408, 4.0720, 4.9391



11.5190, 5.5837, 16.5556



54.7945, 26.5741, 78.1707

Previews

White Background



This preview shows how the XYZ color 15.0594, 15.3324, 19.9350 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 15.0594, 15.3324, 19.9350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

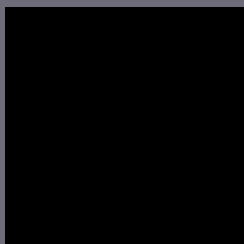
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

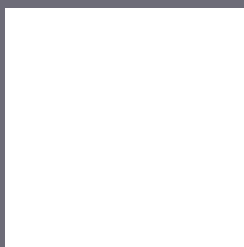
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.0594, 15.3324, 19.9350

Background



This preview shows how black text looks on a background with the XYZ color 15.0594, 15.3324, 19.9350.



This preview shows how white text looks on a background with the XYZ color 15.0594, 15.3324,

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

15.0594, 15.3324, 19.9350

Protanopia

14.9371, 15.2693, 19.9293

Deuteranopia

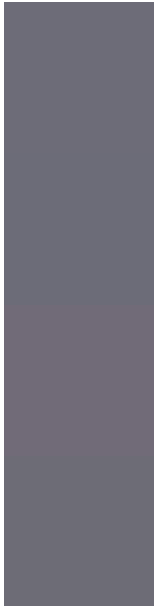
15.6144, 15.3090, 19.9013



Tritanopia

14.8801, 15.2607, 18.9910

Trichromacy



Original Color

15.0594, 15.3324, 19.9350

Protanomaly

14.9371, 15.2693, 19.9293

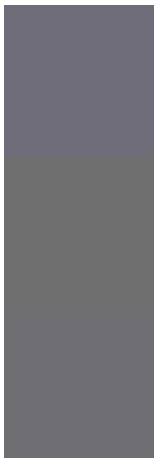
Deuteranomaly

15.4579, 15.3822, 19.9236

Tritanomaly

14.9393, 15.2843, 19.3023

Monochromacy



Original Color

15.0594, 15.3324, 19.9350

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

14.9363, 15.4672, 18.1178

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0594, 15.3324, 19.9350 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(109, 108, 120)` looks like.

```
.text, #text, p{  
    color:rgb(109, 108, 120)  
}
```

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(109, 108, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 108, 120) }
```

Border

The CSS property to change the border of an element to XYZ 15.0594, 15.3324, 19.9350 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(109, 108, 120) }
```


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

```
.border{ border-color:rgb(109, 108, 120) }
```

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

Here you see how a box with a 4 pixel rgb(109, 108, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 108, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 108, 120);  
box-shadow:4px 4px 4px 4px rgb(109, 108,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0594, 15.3324, 19.9350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 108, 120) }
```

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

```
.background{ background-color: rgb(109,  
108, 120) }
```

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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