

Converting Colors

XYZ(15.8387, 15.2448, 19.1144)

Have a look what the booklet for
XYZ(15.8387, 15.2448, 19.1144)
contains.

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Color

**XYZ(15.9293, 15.3331,
19.2596)**

Conversions

Conversions Part 1	
Format	Color
Hex	776976
RGB	119, 105, 118
RGB Percent	47%, 41%, 46%
CMY	0.5333, 0.5882, 0.5373
CMYK	0.00, 0.12, 0.01, 0.53
HSL	304°, 6%, 44%
HSV	304°, 12%, 47%
XYZ	15.9293, 15.3331, 19.2596
YIQ	110.6680, 4.1710, 7.0110

Conversions

Conversions Part 2

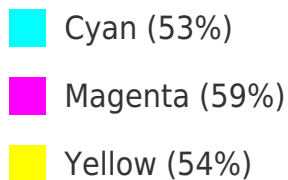
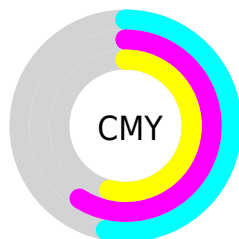
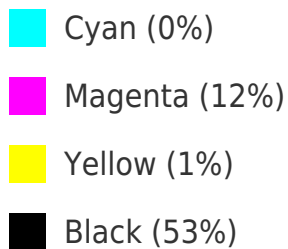
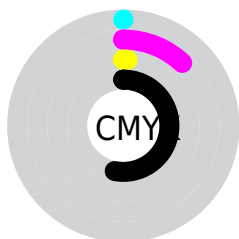
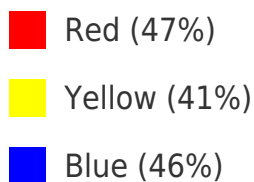
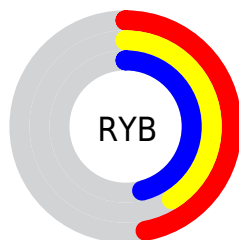
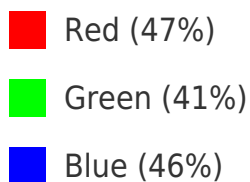
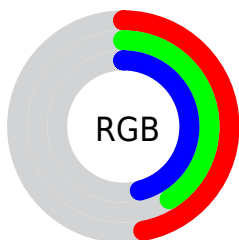
Format	Color
RYB	119, 105, 118
Decimal	7825782
CIELab	46.09, 8.05, -5.22
CIELCh	46, 9.598, 327.039
Yxy	15.3331, 0.3153, 0.3035
Android (android.graphics.Color)	4286015862 (0xFF776976)
YUV	110.6680, 3.6147, 7.3072
Hunter-Lab	39.1575, 4.0883, -1.7515

Details

The XYZ color **15.9293, 15.3331, 19.2596** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.0246, 17.2378, 16.1717**, and the grayscale version is **15.0027, 15.7840, 17.1888**.

A 20% lighter version of the original color is **35.9388, 35.3371, 42.9568**, and **5.2171, 4.8079, 6.4474** is the 20% darker color. If you saturate the color by 10%, you get **14.7510, 13.0567, 18.6190**, and if you desaturate by 10%, it is **17.2786, 17.9503, 19.9598**.


Distribution




Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9293, 15.3331, 19.2596 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 15.9293, 15.3331, 19.2596 by changing the saturation by 10% instead.


 15.9293, 15.3331,
19.2596


 15.9293, 15.3331,
19.2596


222.2028,
225.3736, 260.3485


 9.5647, 9.0535,
11.6793


 36.0339, 35.4365,
43.0148


 5.1713, 4.7761,
6.4058

 50.5045, 50.0291,
60.0268

 2.3839, 2.1165,
3.0206

 68.4079, 68.1614,
81.0198

 0.8371, 0.6739,
1.1052

 90.1093, 90.2179,
106.4124


 0.0000, 0.0000,
0.0000


115.9741,
116.5830, 136.6229


146.3678,


147.6411, 172.0701


181.6555,
183.7765, 213.1725


 15.9293, 15.3331,
19.2596

 15.9293, 15.3331,
19.2596


 14.7510, 13.0567,
18.6190


 17.2786, 17.9503,
19.9598

 13.7353, 11.1050,
18.0346

 18.8041, 20.9195,
20.7209


 12.8752, 9.4638,
17.5044

 20.5126, 24.2538,
21.5451

 12.1626, 8.1169,
17.0255

 22.4100, 27.9651,
22.4346

 11.5887, 7.0466,
16.5951

 24.5018, 32.0647,
23.3912

■ 11.1437, 6.2335,
16.2099

■ 26.7937, 36.5636,
24.4168

■ 10.8166, 5.6555,
15.8662

■ 29.2907, 41.4721,
25.5130

■ 10.5946, 5.2869,
15.5597

■ 31.9980, 46.8003,
26.6816

■ 10.4497, 5.0587,
15.3215

■ 34.9204, 52.5579,
27.9241

Harmonies

Analogous

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



15.2982, 15.3331, 21.0231



15.9293, 15.3331, 19.2596



16.1964, 15.3331, 16.9282

Triad

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



15.9293, 15.3331, 19.2596



14.6548, 15.3331, 12.5999



13.2211, 15.3331, 18.8210

Complementary

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



15.9293, 15.3331, 19.2596



15.0246, 17.2378, 16.1717

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.



13.0631, 15.3331, 16.4642



15.9293, 15.3331, 19.2596



13.8724, 15.3331, 13.0061

Square

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



15.9293, 15.3331, 19.2596



15.4435, 15.3331, 13.2035



13.2972, 15.3331, 14.3691



13.7371, 15.3331, 20.7537

Rectangle

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



15.9293, 15.3331, 19.2596



16.1249, 15.3331, 15.4135



13.2972, 15.3331, 14.3691



13.1252, 15.3331, 18.0459

Sweetspot

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



15.9297, 15.3338, 19.2599



30.3481, 30.9921, 35.4395



14.3180, 14.4960, 19.4962



7.1541, 7.2709, 8.3793



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.



15.9297, 15.3338, 19.2599



27.9494, 26.3435, 34.1814



15.5327, 15.1749, 17.1691



3.8159, 3.7536, 4.5573



11.1007, 5.3740, 16.2705



53.9619, 26.1349, 78.5859

Inverse Universe

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



15.9297, 15.3338, 19.2599



27.9494, 26.3435, 34.1814



15.3999, 17.3880, 18.1481



3.8159, 3.7536, 4.5573



11.1007, 5.3740, 16.2705



53.9619, 26.1349, 78.5859

Previews

White Background



This preview shows how the XYZ color 15.9293, 15.3331, 19.2596 looks on a white background.

Color Contrast Check

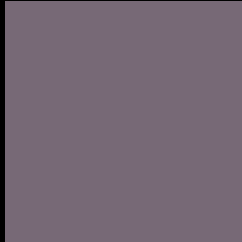
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9293, 15.3331, 19.2596 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 15.9293, 15.3331, 19.2596

Background



This preview shows how black text looks on a background with the XYZ color 15.9293, 15.3331, 19.2596.



This preview shows how white text looks on a background with the XYZ color 15.9293, 15.3331,

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

15.9293, 15.3331, 19.2596

Protanopia

14.9371, 15.2693, 19.9293

Deuteranopia

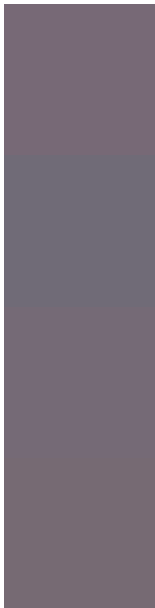
15.6265, 15.3291, 19.2747



Tritanopia

15.6625, 15.3745, 18.0617

Trichromacy



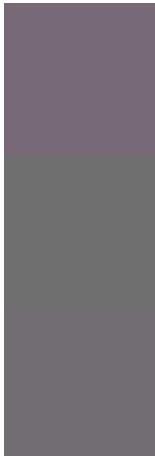
Original Color
15.9293, 15.3331, 19.2596

Protanomaly
15.2696, 15.2920, 19.5996

Deuteranomaly
15.7602, 15.3980, 19.2810

Tritanomaly
15.7198, 15.3974, 18.3631

Monochromacy



Original Color
15.9293, 15.3331, 19.2596

Achromatopsia
15.1092, 15.8961, 17.3108

Achromatomaly
15.4453, 15.7296, 18.1416

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9293, 15.3331, 19.2596 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(119, 105, 118) looks like.

```
.text, #text, p{  
    color:rgb(119, 105, 118)  
}
```

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(119, 105, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 105, 118) }
```

Border

The CSS property to change the border of an element to XYZ 15.9293, 15.3331, 19.2596 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(119, 105, 118) }
```


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

```
.border{ border-color:rgb(119, 105, 118) }
```

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

Here you see how a box with a 4 pixel rgb(119, 105, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 105, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 105, 118);  
box-shadow:4px 4px 4px 4px rgb(119, 105,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9293, 15.3331, 19.2596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 105, 118) }
```

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

```
.background{ background-color: rgb(119,  
105, 118) }
```

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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