

Converting Colors

XYZ(15.3146, 17.3949, 18.0533)

Have a look what the booklet for
XYZ(15.3146, 17.3949, 18.0533)
contains.

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Color

**XYZ(15.2864, 17.3290,
18.1619)**

Conversions

Conversions Part 1

Format	Color
Hex	687771
RGB	104, 119, 113
RGB Percent	41%, 47%, 44%
CMY	0.5922, 0.5333, 0.5569
CMYK	0.13, 0.00, 0.05, 0.53
HSL	156°, 7%, 44%
HSV	156°, 13%, 47%
XYZ	15.2864, 17.3290, 18.1619
YIQ	113.8310, -7.0140, -5.0460

Conversions

Conversions Part 2

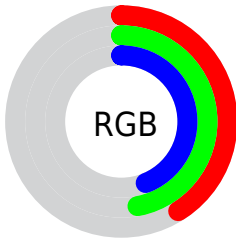
Format	Color
R_{YB}	104, 113, 119
Decimal	6846321
CIE _{Lab}	48.67, -6.85, 1.41
CIE _{LCh}	49, 6.992, 168.371
Yxy	17.3290, 0.3010, 0.3413
Android (android.graphics.Color)	4285036401 (0xFF687771)
YUV	113.8310, -0.4097, -8.6218
Hunter-Lab	41.6281, -7.3016, 3.2721

Details

The XYZ color **15.2864, 17.3290, 18.1619** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.3732, 14.9488, 16.8279**, and the grayscale version is **15.9467, 16.7772, 18.2703**.

A 20% lighter version of the original color is **34.8720, 38.8110, 41.2506**, and **4.8947, 5.7580, 5.8545** is the 20% darker color. If you saturate the color by 10%, you get **13.7404, 16.5627, 16.7270**, and if you desaturate by 10%, it is **17.0424, 18.2029, 19.6808**.

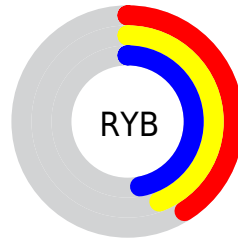
Distribution



Red (41%)

Green (47%)

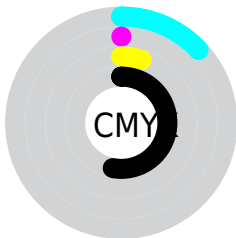
Blue (44%)



Red (41%)

Yellow (44%)

Blue (47%)

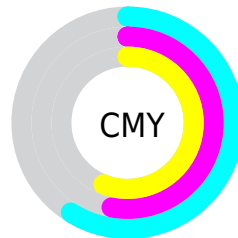


Cyan (13%)

Magenta (0%)

Yellow (5%)

Black (53%)



Cyan (59%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.2864, 17.3290, 18.1619 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 15.2864, 17.3290, 18.1619 by changing the saturation by 10% instead.

■ 15.2864, 17.3290,
18.1619

■ 15.2864, 17.3290,
18.1619

218.4474,
237.0612, 254.0487

■ 9.1083, 10.4693,
10.8956

■ 34.9224, 38.8906,
41.1307

■ 4.8695, 5.7112,
5.8834

■ 49.1109, 54.3613,
57.6703

■ 2.2049, 2.6703,
2.7067

■ 66.7003, 73.4711,
78.1380

■ 0.7453, 0.9621,
0.9468

■ 88.0559, 96.6045,
102.9525

■ 0.0000, 0.0000,
0.0000

113.5431,
124.1458, 132.5323

143.5271,

156.4794, 167.2959

178.3735,
193.9898, 207.6619

■ 15.2864, 17.3290,
18.1619

■ 15.2864, 17.3290,
18.1619

■ 13.7404, 16.5627,
16.7270

■ 17.0424, 18.2029,
19.6808

■ 12.3947, 15.8975,
15.3735

■ 19.0148, 19.1863,
21.2839

■ 11.2407, 15.3296,
14.1001

■ 21.2115, 20.2837,
22.9731

■ 10.2689, 14.8540,
12.9052

■ 23.6397, 21.4986,
24.7498

■ 9.4688, 14.4655,
11.7872

■ 26.3060, 22.8346,
26.6153

■ 8.8289, 14.1580,
10.7443

■ 29.2170, 24.2950,
28.5709

■ 8.3360, 13.9249,
9.7745

■ 32.3789, 25.8830,
30.6179

■ 7.9743, 13.7579,
8.8759

■ 35.7976, 27.6016,
32.7575

■ 7.7471, 13.6543,
8.2545

■ 39.4790, 29.4538,
34.9910

Harmonies

Analogous

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



15.5616, 17.3290, 16.6074



15.2864, 17.3290, 18.1619



15.3223, 17.3290, 20.0092

Triad

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



15.2864, 17.3290, 18.1619



16.8644, 17.3290, 22.4412



17.3078, 17.3290, 16.3378

Complementary

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



15.2864, 17.3290, 18.1619



15.3732, 14.9488, 16.8279

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.



17.6751, 17.3290, 17.7717



15.2864, 17.3290, 18.1619



17.4145, 17.3290, 21.3257

Square

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



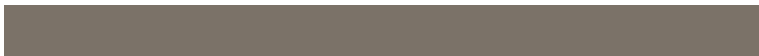
15.2864, 17.3290, 18.1619



16.2221, 17.3290, 22.5626



17.7146, 17.3290, 19.5929



16.7218, 17.3290, 15.6010

Rectangle

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



15.2864, 17.3290, 18.1619



15.5180, 17.3290, 21.1584



17.7146, 17.3290, 19.5929



17.4616, 17.3290, 16.7498

Sweetspot

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



15.2869, 17.3297, 18.1623



30.0222, 32.3486, 34.8248



15.5577, 17.5250, 15.6597



7.0650, 7.6414, 8.2108



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.



15.2869, 17.3297, 18.1623



26.5679, 30.6313, 31.7940



15.4883, 17.1738, 19.9522



3.7242, 4.1316, 4.3816



8.2256, 14.5043, 8.7442



39.6529, 70.5084, 40.3389

Inverse Universe

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



15.3732, 14.9488, 16.8279



26.7531, 25.5243, 28.9321



15.1841, 15.0760, 15.2066



3.7390, 3.7229, 4.1525



8.6366, 4.3883, 3.2944



41.6879, 21.2253, 13.9519

Previews

White Background



This preview shows how the XYZ color 15.2864, 17.3290, 18.1619 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 15.2864, 17.3290, 18.1619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

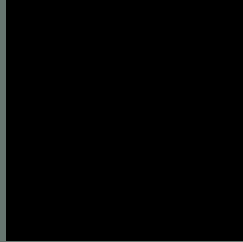
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.2864, 17.3290, 18.1619

Background



This preview shows how black text looks on a background with the XYZ color 15.2864, 17.3290, 18.1619.

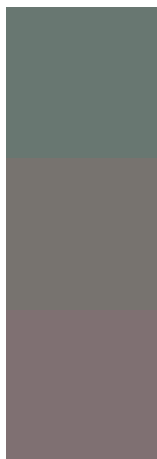


This preview shows how white text looks on a background with the XYZ color 15.2864, 17.3290,

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

15.2864, 17.3290, 18.1619

Protanopia

16.6077, 17.3311, 17.5088

Deuteranopia

17.5838, 17.3153, 18.3350



Tritanopia

16.0710, 17.2931, 22.2295

Trichromacy



Original Color

15.2864, 17.3290, 18.1619

Protanomaly

16.1095, 17.2380, 17.8074

Deuteranomaly

16.7757, 17.3983, 18.3936

Tritanomaly

15.7553, 17.3406, 20.6058

Monochromacy



Original Color

15.2864, 17.3290, 18.1619

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.7131, 17.0207, 18.3767

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.2864, 17.3290, 18.1619 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(104, 119, 113)` looks like.

```
.text, #text, p{  
    color:rgb(104, 119, 113)  
}
```

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(104, 119, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 119, 113) }
```

Border

The CSS property to change the border of an element to XYZ 15.2864, 17.3290, 18.1619 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(104, 119, 113) }
```


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

```
.border{ border-color:rgb(104, 119, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 119, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 119, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 119, 113);  
box-shadow:4px 4px 4px 4px rgb(104, 119,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 15.2864, 17.3290, 18.1619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 119, 113) }
```

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

```
.background{ background-color: rgb(104,  
119, 113) }
```

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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