

Converting Colors

XYZ(15.9183, 17.4561, 19.7002)

Have a look what the booklet for
XYZ(15.9183, 17.4561, 19.7002)
contains.

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Color

**XYZ(15.9328, 17.4530,
19.6686)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7676
RGB	108, 118, 118
RGB Percent	42%, 46%, 46%
CMY	0.5765, 0.5372, 0.5373
CMYK	0.08, 0.00, 0.00, 0.54
HSL	180°, 4%, 44%
HSV	180°, 8%, 46%
XYZ	15.9328, 17.4530, 19.6686
YIQ	115.0100, -5.9600, -2.1200

Conversions

Conversions Part 2

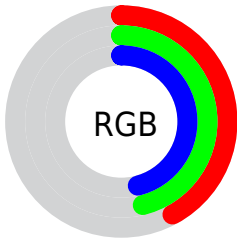
Format	Color
R_{YB}	108, 113, 118
Decimal	7108214
CIE _{Lab}	48.83, -3.73, -1.29
CIE _{LCh}	49, 3.948, 199.061
Yxy	17.4530, 0.3003, 0.3290
Android (android.graphics.Color)	4285298294 (0xFF6C7676)
YUV	115.0100, 1.4741, -6.1478
Hunter-Lab	41.7768, -5.0332, 1.3299

Details

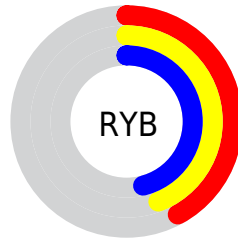
The XYZ color **15.9328, 17.4530, 19.6686** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.5412, 15.6599, 16.3917**, and the grayscale version is **16.2961, 17.1448, 18.6706**.

A 20% lighter version of the original color is **35.9285, 39.0227, 43.6687**, and **5.2201, 5.8146, 6.6416** is the 20% darker color. If you saturate the color by 10%, you get **14.5937, 16.7632, 19.6057**, and if you desaturate by 10%, it is **17.4671, 18.2444, 19.7414**.

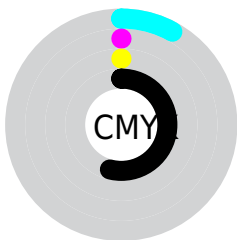
Distribution



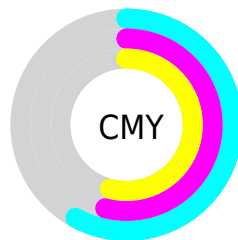
- Red (42%)
- Green (46%)
- Blue (46%)



- Red (42%)
- Yellow (44%)
- Blue (46%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (54%)



- Cyan (58%)
- Magenta (54%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9328, 17.4530, 19.6686 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 15.9328, 17.4530, 19.6686 by changing the saturation by 10% instead.

■ 15.9328, 17.4530,
19.6686

■ 15.9328, 17.4530,
19.6686

222.2231,
237.7695, 262.6600

■ 9.5672, 10.5580,
11.9727

■ 36.0399, 39.1030,
43.7125

■ 5.1730, 5.7705,
6.6028

■ 50.5121, 54.6268,
60.8976

■ 2.3849, 2.7060,
3.1403

■ 68.4171, 73.7957,
82.0828

■ 0.8376, 0.9802,
1.1667

■ 90.1204, 96.9940,
107.6867

■ 0.0000, 0.0000,
0.0000

115.9873,
124.6061, 138.1279

146.3831,

157.0165, 173.8248

181.6732,
194.6095, 215.1959

■ 15.9328, 17.4530,
19.6686

■ 15.9328, 17.4530,
19.6686

■ 14.5937, 16.7632,
19.6057

■ 17.4671, 18.2444,
19.7414

■ 13.4407, 16.1688,
19.5511

■ 19.2026, 19.1391,
19.8232

■ 12.4659, 15.6663,
19.5049

■ 21.1466, 20.1412,
19.9148

■ 11.6605, 15.2511,
19.4666

■ 23.3057, 21.2543,
20.0164

■ 11.0149, 14.9183,
19.4358

■ 25.6863, 22.4815,
20.1284

■ 10.5183, 14.6623,
19.4120

■ 28.2943, 23.8260,
20.2511

■ 10.1588, 14.4770,
19.3946

■ 31.1358, 25.2908,
20.3846

■ 9.9228, 14.3553,
19.3829

■ 34.2161, 26.8788,
20.5294

■ 9.7703, 14.2767,
19.3752

■ 37.5408, 28.5927,
20.6856

Harmonies

Analogous

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



15.9077, 17.4530, 18.6238



15.9328, 17.4530, 19.6686



16.1321, 17.4530, 20.5655

Triad

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



15.9328, 17.4530, 19.6686



17.1254, 17.4530, 20.3536



16.7223, 17.4530, 17.0940

Complementary

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



15.9328, 17.4530, 19.6686



15.5412, 15.6599, 16.3917

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.



17.0536, 17.4530, 17.5224



15.9328, 17.4530, 19.6686



17.2885, 17.4530, 19.3881

Square

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



15.9328, 17.4530, 19.6686



16.8192, 17.4530, 20.9709



17.2621, 17.4530, 18.3533



16.3600, 17.4530, 17.1629

Rectangle

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



15.9328, 17.4530, 19.6686



16.3385, 17.4530, 20.9468



17.2621, 17.4530, 18.3533



16.8411, 17.4530, 17.1840

Sweetspot

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



15.9333, 17.4537, 19.6690



29.4280, 31.4166, 34.6496



15.3904, 17.2389, 16.7040



6.7221, 7.2005, 7.9644



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

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



15.9333, 17.4537, 19.6690



27.5725, 30.4600, 34.5621



15.3786, 16.3442, 19.4846



3.7833, 4.1553, 4.6928



10.5452, 15.4321, 20.9589



51.3878, 75.2024, 102.1338

Inverse Universe

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



15.5412, 15.6599, 16.3917



26.7483, 26.6897, 27.6738



16.0652, 16.7080, 16.5659



3.6840, 3.7009, 3.8626



8.0829, 4.1669, 0.3788



39.3887, 20.3056, 1.8445

Previews

White Background



This preview shows how the XYZ color 15.9328, 17.4530, 19.6686 looks on a white background.

Color Contrast Check

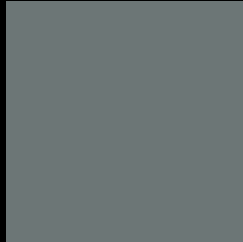
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9328, 17.4530, 19.6686 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

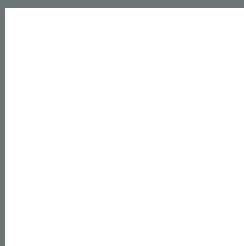
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.9328, 17.4530, 19.6686

Background



This preview shows how black text looks on a background with the XYZ color 15.9328, 17.4530, 19.6686.



This preview shows how white text looks on a background with the XYZ color 15.9328, 17.4530,

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

15.9328, 17.4530, 19.6686

Protanopia

16.7543, 17.3740, 18.9935

Deuteranopia

17.7281, 17.3559, 19.8684



Tritanopia

16.4339, 17.4801, 22.2465

Trichromacy



Original Color

15.9328, 17.4530, 19.6686

Protanomaly

16.3957, 17.3525, 19.3149

Deuteranomaly

16.9548, 17.2885, 19.8962

Tritanomaly

16.2431, 17.4038, 21.2421

Monochromacy



Original Color

15.9328, 17.4530, 19.6686

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

16.0799, 17.1965, 18.9947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9328, 17.4530, 19.6686 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(108, 118, 118)` looks like.

```
.text, #text, p{  
    color:rgb(108, 118, 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(108, 118, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 118, 118) }
```

Border

The CSS property to change the border of an element to XYZ 15.9328, 17.4530, 19.6686 is called "border". The border property can be set on classes, ids or directly on the HTML element.

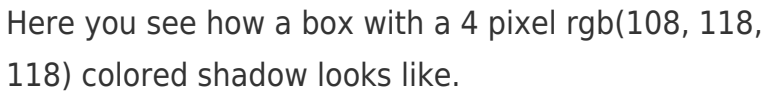
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 118, 118) }
```


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

```
.border{ border-color:rgb(108, 118, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 118, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 118, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 118, 118);  
box-shadow:4px 4px 4px 4px rgb(108, 118,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9328, 17.4530, 19.6686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 118, 118) }
```

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

```
.background{ background-color: rgb(108,  
118, 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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