

Converting Colors

XYZ(15.8528, 17.9626, 18.1656)

Have a look what the booklet for
XYZ(15.8528, 17.9626, 18.1656)
contains.

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Color

**XYZ(15.8814, 17.9928,
18.2587)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7971
RGB	107, 121, 113
RGB Percent	42%, 47%, 44%
CMY	0.5804, 0.5255, 0.5569
CMYK	0.12, 0.00, 0.07, 0.53
HSL	146°, 6%, 45%
HSV	146°, 12%, 47%
XYZ	15.8814, 17.9928, 18.2587
YIQ	115.9020, -5.7760, -5.4560

Conversions

Conversions Part 2

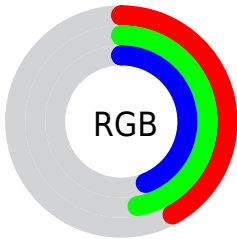
Format	Color
R_{YB}	107, 117, 121
Decimal	7043441
CIE Lab	49.49, -6.88, 2.62
CIE LCh	49, 7.362, 159.152
Yxy	17.9928, 0.3046, 0.3451
Android (android.graphics.Color)	4285233521 (0xFF6B7971)
YUV	115.9020, -1.4307, -7.8071
Hunter-Lab	42.4179, -7.4004, 4.1713

Details

The XYZ color **15.8814, 17.9928, 18.2587** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.2380, 15.8186, 18.4179**, and the grayscale version is **16.5764, 17.4396, 18.9917**.

A 20% lighter version of the original color is **35.8357, 39.8729, 41.4048**, and **5.1350, 5.9770, 5.8841** is the 20% darker color. If you saturate the color by 10%, you get **14.1527, 17.1454, 16.2226**, and if you desaturate by 10%, it is **17.8444, 18.9586, 20.4615**.

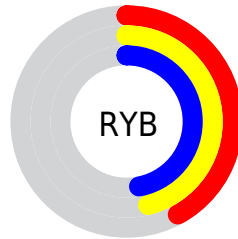
Distribution



Red (42%)

Green (47%)

Blue (44%)



Red (42%)

Yellow (46%)

Blue (47%)

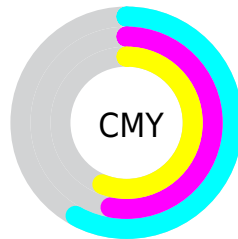


Cyan (12%)

Magenta (0%)

Yellow (7%)

Black (53%)



Cyan (58%)

Magenta (53%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8814, 17.9928, 18.2587 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 15.8814, 17.9928, 18.2587 by changing the saturation by 10% instead.

■ 15.8814, 17.9928,
18.2587

■ 15.8814, 17.9928,
18.2587

221.9250,
240.8305, 254.6101

■ 9.5306, 10.9448,
10.9645

■ 35.9513, 40.0251,
41.2975

■ 5.1487, 6.0297,
5.9291

■ 50.4011, 55.7781,
57.8793

■ 2.3704, 2.8632,
2.7339

■ 68.2813, 75.2017,
78.3939

■ 0.8303, 1.0607,
0.9604

■ 89.9571, 98.6801,
103.2600

■ 0.0000, 0.0000,
0.0000

115.7941,
126.5978, 132.8962

146.1575,

159.3392, 167.7209

181.4127,
197.2886, 208.1527

■ 15.8814, 17.9928,
18.2587

■ 15.8814, 17.9928,
18.2587

■ 14.1527, 17.1454,
16.2226

■ 17.8444, 18.9586,
20.4615

■ 12.6477, 16.4095,
14.3480

■ 20.0488, 20.0447,
22.8333

■ 11.3573, 15.7809,
12.6313

■ 22.5031, 21.2562,
25.3784

■ 10.2710, 15.2544,
11.0685

■ 25.2151, 22.5969,
28.1000

■ 9.3775, 14.8241,
9.6551

■ 28.1922, 24.0705,
31.0016

■ 8.6644, 14.4839,
8.3865

■ 31.4414, 25.6806,
34.0866

■ 8.1177, 14.2264,
7.2579

■ 34.9697, 27.4307,
37.3580

■ 7.7210, 14.0435,
6.2642

■ 38.7835, 29.3241,
40.8191

■ 7.4542, 13.9220,
5.5257

■ 42.8892, 31.3641,
44.4728

Harmonies

Analogous

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



16.2706, 17.9928, 16.7671



15.8814, 17.9928, 18.2587



15.8143, 17.9928, 20.2069

Triad

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



15.8814, 17.9928, 18.2587



17.3153, 17.9928, 23.6232



18.1604, 17.9928, 17.2698

Complementary

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



15.8814, 17.9928, 18.2587



16.2380, 15.8186, 18.4179

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.



18.4569, 17.9928, 18.9879



15.8814, 17.9928, 18.2587



17.9604, 17.9928, 22.7156

Square

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



15.8814, 17.9928, 18.2587



16.6298, 17.9928, 23.3949



18.3828, 17.9928, 20.9868



17.5823, 17.9928, 16.2237

Rectangle

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



15.8814, 17.9928, 18.2587



15.9595, 17.9928, 21.5177



18.3828, 17.9928, 20.9868



18.2970, 17.9928, 17.7831

Sweetspot

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



15.8819, 17.9936, 18.2591



31.3974, 33.6746, 36.0271



16.5840, 18.3933, 16.5863



7.1193, 7.6704, 8.1715



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.



15.8819, 17.9936, 18.2591



27.5374, 31.7775, 31.6530



16.2814, 18.1534, 20.3630



4.0155, 4.4758, 4.6157



7.9825, 14.9166, 5.8926



37.6682, 70.9903, 25.9547

Inverse Universe

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



16.2380, 15.8186, 18.4179



28.3137, 27.0356, 31.9990



15.8590, 15.6670, 16.4223



4.0853, 4.0498, 4.6468



9.6006, 4.8164, 6.4535



45.3628, 22.8015, 28.5042

Previews

White Background



This preview shows how the XYZ color 15.8814, 17.9928, 18.2587 looks on a white background.

Color Contrast Check

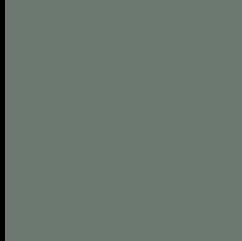
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.8814, 17.9928, 18.2587 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

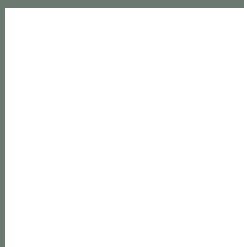
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.8814, 17.9928, 18.2587

Background



This preview shows how black text looks on a background with the XYZ color 15.8814, 17.9928, 18.2587.



This preview shows how white text looks on a background with the XYZ color 15.8814, 17.9928,

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

15.8814, 17.9928, 18.2587

Protanopia

17.1157, 17.9352, 17.5987

Deuteranopia

18.3177, 18.0183, 18.7321



Tritanopia

16.9235, 18.0672, 23.0174

Trichromacy



Original Color

15.8814, 17.9928, 18.2587

Protanomaly

16.6055, 17.8397, 17.8974

Deuteranomaly

17.4246, 18.0751, 18.4900

Tritanomaly

16.5983, 18.1142, 21.3605

Monochromacy



Original Color

15.8814, 17.9928, 18.2587

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.3830, 17.7054, 18.7737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8814, 17.9928, 18.2587 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(107, 121, 113)` looks like.

```
.text, #text, p{  
    color:rgb(107, 121, 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(107, 121, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 121, 113) }
```

Border

The CSS property to change the border of an element to XYZ 15.8814, 17.9928, 18.2587 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(107, 121, 113) }
```


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

```
.border{ border-color:rgb(107, 121, 113) }
```

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

Here you see how a box with a 4 pixel rgb(107, 121, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 121, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 121, 113);  
box-shadow:4px 4px 4px 4px rgb(107, 121,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8814, 17.9928, 18.2587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 121, 113) }
```

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

```
.background{ background-color: rgb(107,  
121, 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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