

Converting Colors

XYZ(15.9741, 17.8197, 18.8864)

Have a look what the booklet for
XYZ(15.9741, 17.8197, 18.8864)
contains.

XYZ(15.9953, 17.8589, 18.8237)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(15.9953, 17.8589,
18.8237)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7873
RGB	108, 120, 115
RGB Percent	42%, 47%, 45%
CMY	0.5765, 0.5294, 0.5490
CMYK	0.10, 0.00, 0.04, 0.53
HSL	155°, 5%, 45%
HSV	155°, 10%, 47%
XYZ	15.9953, 17.8589, 18.8237
YIQ	115.8420, -5.5470, -4.0990

Conversions

Conversions Part 2

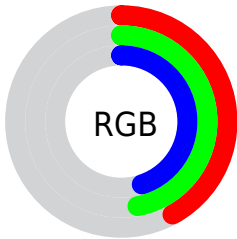
Format	Color
R_{YB}	108, 116, 120
Decimal	7108723
CIE _{Lab}	49.32, -5.52, 1.21
CIE _{LCh}	49, 5.653, 167.607
Yxy	17.8589, 0.3036, 0.3390
Android (android.graphics.Color)	4285298803 (0xFF6C7873)
YUV	115.8420, -0.4151, -6.8774
Hunter-Lab	42.2598, -6.3925, 3.1724

Details

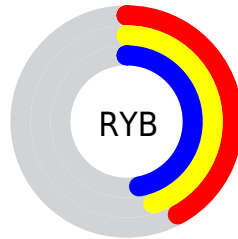
The XYZ color **15.9953, 17.8589, 18.8237** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.0896, 15.9109, 17.8467**, and the grayscale version is **16.5549, 17.4171, 18.9672**.

A 20% lighter version of the original color is **36.0257, 39.6660, 42.3168**, and **5.2550, 6.0321, 6.1975** is the 20% darker color. If you saturate the color by 10%, you get **14.3552, 17.0462, 17.2854**, and if you desaturate by 10%, it is **17.8530, 18.7829, 20.4545**.

Distribution



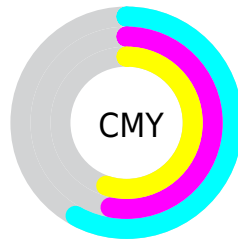
- Red (42%)
- Green (47%)
- Blue (45%)



- Red (42%)
- Yellow (45%)
- Blue (47%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (53%)



- Cyan (58%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9953, 17.8589, 18.8237 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 15.9953, 17.8589, 18.8237 by changing the saturation by 10% instead.

■ 15.9953, 17.8589,
18.8237

■ 15.9953, 17.8589,
18.8237

222.5849,
240.0745, 257.8640

■ 9.6117, 10.8487,
11.3674

■ 36.1476, 39.7967,
42.2687

■ 5.2025, 5.9652,
6.1973

■ 50.6469, 55.4932,
59.0945

■ 2.4025, 2.8239,
2.8947

■ 68.5821, 74.8539,
79.8806

■ 0.8464, 1.0405,
1.0411

■ 90.3187, 98.2632,
105.0455

■ 0.0000, 0.0000,
0.0000

116.2219,
126.1055, 135.0077

146.6571,

158.7653, 170.1859

181.9896,
196.6268, 210.9984

■ 15.9953, 17.8589,
18.8237

■ 15.9953, 17.8589,
18.8237

■ 14.3552, 17.0462,
17.2854

■ 17.8530, 18.7829,
20.4545

■ 12.9227, 16.3384,
15.8367

■ 19.9346, 19.8200,
22.1781

■ 11.6894, 15.7314,
14.4762

■ 22.2483, 20.9749,
23.9967

■ 10.6456, 15.2204,
13.2022

■ 24.8011, 22.2512,
25.9116

■ 9.7809, 14.8001,
12.0128

■ 27.5999, 23.6524,
27.9244

■ 9.0838, 14.4645,
10.9061

■ 30.6513, 25.1818,
30.0366

■ 8.5411, 14.2069,
9.8799

■ 33.9615, 26.8428,
32.2495

■ 8.1381, 14.0197,
8.9321

■ 37.5368, 28.6384,
34.5646

■ 7.8220, 13.8757,
8.0587

■ 41.3829, 30.5716,
36.9831

Harmonies

Analogous

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



16.2305, 17.8589, 17.5374



15.9953, 17.8589, 18.8237



16.0184, 17.8589, 20.3445

Triad

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



15.9953, 17.8589, 18.8237



17.2855, 17.8589, 22.3716



17.6730, 17.8589, 17.3621

Complementary

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



15.9953, 17.8589, 18.8237



16.0896, 15.9109, 17.8467

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.



17.9675, 17.8589, 18.5730



15.9953, 17.8589, 18.8237



17.7406, 17.8589, 21.4868

Square

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



15.9953, 17.8589, 18.8237



16.7559, 17.8589, 22.4474



17.9926, 17.8589, 20.0804



17.1947, 17.8589, 16.7236

Rectangle

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



15.9953, 17.8589, 18.8237



16.1773, 17.8589, 21.2873



17.9926, 17.8589, 20.0804



17.7972, 17.8589, 17.7128

Sweetspot

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



15.9958, 17.8597, 18.8241



30.3539, 32.5143, 35.0758



16.2597, 18.0405, 16.8127



7.1368, 7.6773, 8.2632



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.



15.9958, 17.8597, 18.8241



27.4378, 31.0656, 32.4720



16.1957, 17.7863, 20.3497



4.0397, 4.4855, 4.7430



8.5258, 15.1340, 8.7535



40.2371, 72.0179, 39.4820

Inverse Universe

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



16.0896, 15.9109, 17.8467



27.6375, 26.9154, 30.3907



15.9004, 15.9708, 16.4322



4.0611, 4.0402, 4.5197



9.0717, 4.6048, 3.6683



42.8688, 21.8038, 15.3709

Previews

White Background



This preview shows how the XYZ color 15.9953, 17.8589, 18.8237 looks on a white background.

Color Contrast Check

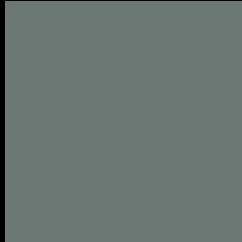
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9953, 17.8589, 18.8237 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

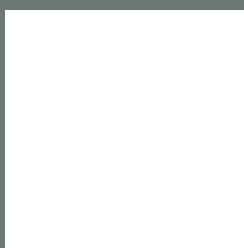
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.9953, 17.8589, 18.8237

Background



This preview shows how black text looks on a background with the XYZ color 15.9953, 17.8589, 18.8237.

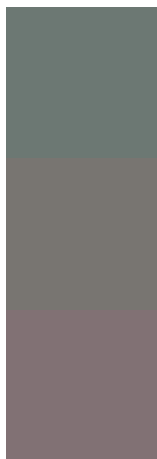


This preview shows how white text looks on a background with the XYZ color 15.9953, 17.8589,

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

15.9953, 17.8589, 18.8237

Protanopia

17.0877, 17.9079, 18.1787

Deuteranopia

18.1108, 17.7383, 18.9923



Tritanopia

16.7396, 17.8042, 22.6329

Trichromacy



Original Color

15.9953, 17.8589, 18.8237

Protanomaly

16.7182, 17.8848, 18.4906

Deuteranomaly

17.2829, 17.8167, 19.0511

Tritanomaly

16.4787, 17.8749, 21.3206

Monochromacy



Original Color

15.9953, 17.8589, 18.8237

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

16.3237, 17.4942, 19.0394

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9953, 17.8589, 18.8237 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, 120, 115)` looks like.

```
.text, #text, p{  
    color:rgb(108, 120, 115)  
}
```

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, 120, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 120, 115) }
```

Border

The CSS property to change the border of an element to XYZ 15.9953, 17.8589, 18.8237 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, 120, 115) }
```


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

```
.border{ border-color:rgb(108, 120, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 120, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 120, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 120, 115);  
box-shadow:4px 4px 4px 4px rgb(108, 120,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9953, 17.8589, 18.8237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 120, 115) }
```

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

```
.background{ background-color: rgb(108,  
120, 115) }
```

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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