

Converting Colors

XYZ(15.9872, 18.8901, 17.5917)

Have a look what the booklet for
XYZ(15.9872, 18.8901, 17.5917)
contains.

XYZ(15.9738, 18.7963, 17.5380)	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(15.9738, 18.7963,
17.5380)**

Conversions

Conversions Part 1

Format	Color
Hex	697D6E
RGB	105, 125, 110
RGB Percent	41%, 49%, 43%
CMY	0.5882, 0.5098, 0.5686
CMYK	0.16, 0.00, 0.12, 0.51
HSL	135°, 9%, 45%
HSV	135°, 16%, 49%
XYZ	15.9738, 18.7963, 17.5380
YIQ	117.3100, -7.1050, -8.9050

Conversions

Conversions Part 2

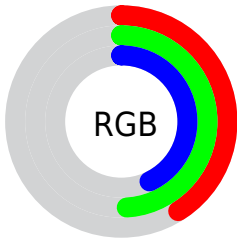
Format	Color
R_{YB}	105, 121, 125
Decimal	6913390
CIE Lab	50.45, -10.49, 5.75
CIE LCh	50, 11.959, 151.278
Yxy	18.7963, 0.3054, 0.3593
Android (android.graphics.Color)	4285103470 (0xFF697D6E)
YUV	117.3100, -3.6038, -10.7959
Hunter-Lab	43.3547, -10.1034, 6.3641

Details

The XYZ color **15.9738, 18.7963, 17.5380** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.8999, 15.8197, 19.9330**, and the grayscale version is **17.0176, 17.9038, 19.4972**.

A 20% lighter version of the original color is **36.1523, 41.5173, 40.2906**, and **5.1989, 6.4162, 5.5219** is the 20% darker color. If you saturate the color by 10%, you get **14.1285, 17.9014, 14.9266**, and if you desaturate by 10%, it is **18.0901, 19.8257, 20.4448**.

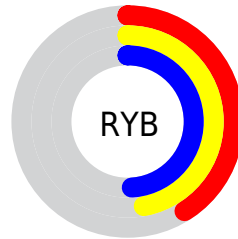
Distribution



Red (41%)

Green (49%)

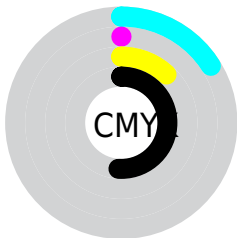
Blue (43%)



Red (41%)

Yellow (47%)

Blue (49%)

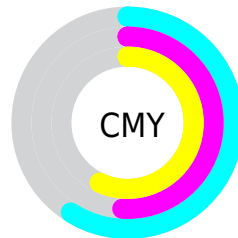


Cyan (16%)

Magenta (0%)

Yellow (12%)

Black (51%)



Cyan (59%)

Magenta (51%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9738, 18.7963, 17.5380 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 15.9738, 18.7963, 17.5380 by changing the saturation by 10% instead.

■ 15.9738, 18.7963,
17.5380

■ 15.9738, 18.7963,
17.5380

222.4605,
245.3219, 250.4020

■ 9.5963, 11.5232,
10.4528

■ 36.1105, 41.3896,
40.0517

■ 5.1924, 6.4199,
5.5907

■ 50.6005, 57.4786,
56.3174

■ 2.3965, 3.1020,
2.5331

■ 68.5254, 77.2750,
76.4803

■ 0.8434, 1.1852,
0.8576

■ 90.2505, 101.1632,
100.9589

■ 0.0000, 0.0496,
0.0000

116.1412,
129.5276, 130.1718

■ 0.0000, 0.0000,
0.0000

146.5629,

162.7526, 164.5377

181.8809,
201.2225, 204.4748

■ 15.9738, 18.7963,
17.5380

■ 15.9738, 18.7963,
17.5380

■ 14.1285, 17.9014,
14.9266

■ 18.0901, 19.8257,
20.4448

■ 12.5414, 17.1331,
12.6002

■ 20.4861, 20.9923,
23.6547

■ 11.2014, 16.4863,
10.5495

■ 23.1723, 22.3019,
27.1765

■ 10.0956, 15.9546,
8.7641

■ 26.1580, 23.7591,
31.0184

■ 9.2101, 15.5311,
7.2332

■ 29.4521, 25.3684,
35.1881

■ 8.5293, 15.2080,
5.9450

■ 33.0632, 27.1341,
39.6933

■ 8.0358, 14.9765,
4.8870

■ 36.9996, 29.0601,
44.5412

■ 7.6999, 14.8216,
4.0449

■ 41.2691, 31.1505,
49.7390

■ 7.5846, 14.7682,
3.7644

■ 45.8795, 33.4091,
55.2934

Harmonies

Analogous

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



16.7285, 18.7963, 15.4626



15.9738, 18.7963, 17.5380



15.7201, 18.7963, 20.6093

Triad

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



15.9738, 18.7963, 17.5380



17.9153, 18.7963, 27.5653



19.8470, 18.7963, 17.3155

Complementary

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



15.9738, 18.7963, 17.5380



16.8999, 15.8197, 19.9330

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.



20.1973, 18.7963, 20.3233



15.9738, 18.7963, 17.5380



19.0526, 18.7963, 26.4467

Square

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



15.9738, 18.7963, 17.5380



16.8113, 18.7963, 26.6166



19.9006, 18.7963, 23.7029



18.9624, 18.7963, 15.3443

Rectangle

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



15.9738, 18.7963, 17.5380



15.8601, 18.7963, 22.8810



19.9006, 18.7963, 23.7029



20.0328, 18.7963, 18.2272

Sweetspot

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



15.9743, 18.7971, 17.5384



32.7506, 35.6750, 37.0939



17.6762, 19.7050, 16.2367



7.3965, 8.0890, 8.3657



60.6688, 63.8283, 69.5090



7.9400, 8.3535, 9.0970

Same Dimension

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



15.9743, 18.7971, 17.5384



27.4080, 33.0783, 29.7293



16.5299, 19.0193, 20.4641



4.3167, 4.8350, 4.8391



7.9131, 15.4118, 3.9152



0.0000, 0.0000, 0.0000

Inverse Universe

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



16.8999, 15.8197, 19.9330



29.3767, 26.7440, 34.8220



16.3423, 15.5966, 16.9967



4.4537, 4.3946, 5.1935



10.9212, 5.3882, 11.4410



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 15.9738, 18.7963, 17.5380 looks on a white 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

Black Background



This preview shows how the XYZ color 15.9738, 18.7963, 17.5380 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 15.9738, 18.7963, 17.5380

Background



This preview shows how black text looks on a background with the XYZ color 15.9738, 18.7963, 17.5380.

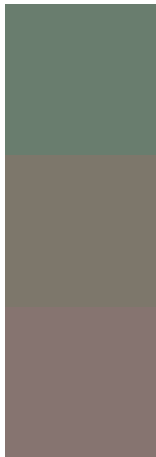


This preview shows how white text looks on a background with the XYZ color 15.9738, 18.7963,

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

15.9738, 18.7963, 17.5380

Protanopia

17.7081, 18.6152, 16.5697

Deuteranopia

19.0015, 18.7290, 17.9428



Tritanopia

17.4311, 18.8362, 24.5468

Trichromacy



Original Color

15.9738, 18.7963, 17.5380

Protanomaly

17.0154, 18.6090, 16.8824

Deuteranomaly

17.6344, 18.5523, 17.6904

Tritanomaly

16.9054, 18.8093, 21.8083

Monochromacy



Original Color

15.9738, 18.7963, 17.5380

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

16.5638, 18.1586, 18.5515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9738, 18.7963, 17.5380 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(105, 125, 110)` looks like.

```
.text, #text, p{  
    color:rgb(105, 125, 110)  
}
```

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(105, 125, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 125, 110) }
```

Border

The CSS property to change the border of an element to XYZ 15.9738, 18.7963, 17.5380 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(105, 125, 110) }
```


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

```
.border{ border-color:rgb(105, 125, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 125, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 125, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 125, 110);  
box-shadow:4px 4px 4px 4px rgb(105, 125,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9738, 18.7963, 17.5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 125, 110) }
```

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

```
.background{ background-color: rgb(105,  
125, 110) }
```

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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