

Converting Colors

XYZ(15.0085, 18.0737, 17.2557)

Have a look what the booklet for
XYZ(15.0085, 18.0737, 17.2557)
contains.

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Color

**XYZ(15.0050, 18.1161,
17.1739)**

Conversions

Conversions Part 1

Format	Color
Hex	627C6D
RGB	98, 124, 109
RGB Percent	38%, 49%, 43%
CMY	0.6157, 0.5137, 0.5725
CMYK	0.21, 0.00, 0.12, 0.51
HSL	145°, 12%, 44%
HSV	145°, 21%, 49%
XYZ	15.0050, 18.1161, 17.1739
YIQ	114.5160, -10.6810, -10.1770

Conversions

Conversions Part 2

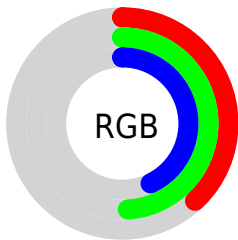
Format	Color
R_{YB}	98, 116, 124
Decimal	6454381
CIE _{Lab}	49.64, -12.69, 5.11
CIE _{LCh}	50, 13.674, 158.073
Yxy	18.1161, 0.2983, 0.3602
Android (android.graphics.Color)	4284644461 (0xFF627C6D)
YUV	114.5160, -2.7194, -14.4845
Hunter-Lab	42.5630, -11.5576, 5.8710

Details

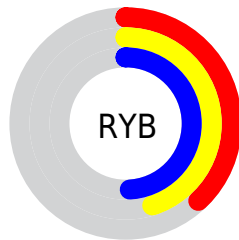
The XYZ color **15.0050, 18.1161, 17.1739** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **15.6612, 14.2132, 17.5417**, and the grayscale version is **16.1600, 17.0016, 18.5148**.

A 20% lighter version of the original color is **34.4617, 40.3719, 39.2339**, and **4.7508, 6.0838, 5.4813** is the 20% darker color. If you saturate the color by 10%, you get **13.3998, 17.3318, 15.1696**, and if you desaturate by 10%, it is **16.8499, 19.0214, 19.3538**.

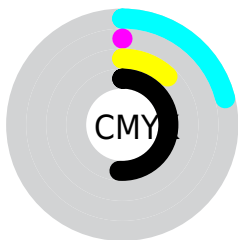
Distribution



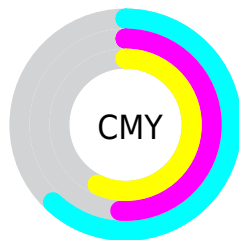
- Red (38%)
- Green (49%)
- Blue (43%)



- Red (38%)
- Yellow (45%)
- Blue (49%)



- Cyan (21%)
- Magenta (0%)
- Yellow (12%)
- Black (51%)



- Cyan (62%)
- Magenta (51%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.0050, 18.1161, 17.1739 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 15.0050, 18.1161, 17.1739 by changing the saturation by 10% instead.

■ 15.0050, 18.1161,
17.1739

■ 15.0050, 18.1161,
17.1739

216.7843,
241.5246, 248.2503

■ 8.9092, 11.0334,
10.1953

■ 34.4335, 40.2351,
39.4193

■ 4.7387, 6.0893,
5.4213

■ 48.4970, 56.0401,
55.5231

■ 2.1279, 2.8995,
2.4335

■ 65.9471, 75.5213,
75.5058

■ 0.7043, 1.0795,
0.8046

■ 87.1492, 99.0632,
99.7858

■ 0.0000, 0.0000,
0.0000

112.4686,
127.0500, 128.7817

142.2706,

159.8663, 162.9121

176.9208,
197.8964, 202.5954

■ 15.0050, 18.1161,
17.1739

■ 15.0050, 18.1161,
17.1739

■ 13.3998, 17.3318,
15.1696

■ 16.8499, 19.0214,
19.3538

■ 12.0225, 16.6609,
13.3355

■ 18.9426, 20.0502,
21.7124

■ 10.8626, 16.0987,
11.6673

■ 21.2927, 21.2079,
24.2541

■ 9.9080, 15.6390,
10.1603

■ 23.9088, 22.4988,
26.9829

■ 9.1457, 15.2751,
8.8095

■ 26.7991, 23.9272,
29.9024

■ 8.5608, 14.9995,
7.6098

■ 29.9714, 25.4969,
33.0164

■ 8.1360, 14.8034,
6.5553

■ 33.4332, 27.2118,
36.3285

■ 7.8382, 14.6681,
5.7213

■ 37.1919, 29.0756,
39.8422

■ 41.2543, 31.0918,
43.5607

Harmonies

Analogous

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



15.7246, 18.1161, 14.6148



15.0050, 18.1161, 17.1739



14.8632, 18.1161, 20.7467

Triad

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



15.0050, 18.1161, 17.1739



17.5718, 18.1161, 27.6856



19.2600, 18.1161, 15.6363

Complementary

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



15.0050, 18.1161, 17.1739



15.6612, 14.2132, 17.5417

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.



19.8110, 18.1161, 18.7381



15.0050, 18.1161, 17.1739



18.8048, 18.1161, 25.9067

Square

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



15.0050, 18.1161, 17.1739



16.3032, 18.1161, 27.1298



19.6403, 18.1161, 22.5178



18.1681, 18.1161, 13.8079

Rectangle

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



15.0050, 18.1161, 17.1739



15.1085, 18.1161, 23.2853



19.6403, 18.1161, 22.5178



19.5171, 18.1161, 16.5481

Sweetspot

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



15.0055, 18.1169, 17.1743



31.3722, 34.3175, 36.0199



16.2444, 18.8197, 14.3320



7.3449, 8.0608, 8.4339



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.



15.0055, 18.1169, 17.1743



25.0470, 31.2155, 28.5521



15.7478, 18.4138, 21.0833



4.0147, 4.4755, 4.6112



7.9667, 14.9103, 5.8093



37.5951, 70.9611, 25.5693

Inverse Universe

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



15.6612, 14.2132, 17.5417



26.4108, 23.0945, 29.3150



14.9888, 13.9443, 14.0008



4.0862, 4.0502, 4.6514



9.6228, 4.8253, 6.5706



45.4694, 22.8441, 29.0657

Previews

White Background



This preview shows how the XYZ color 15.0050, 18.1161, 17.1739 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 15.0050, 18.1161, 17.1739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

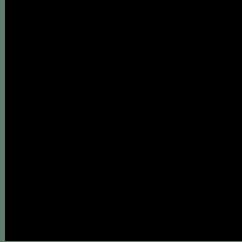
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 15.0050, 18.1161, 17.1739

Background



This preview shows how black text looks on a background with the XYZ color 15.0050, 18.1161, 17.1739.

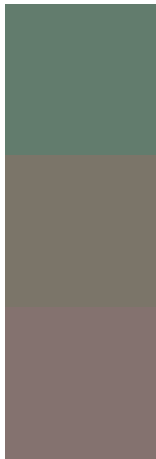


This preview shows how white text looks on a background with the XYZ color 15.0050, 18.1161,

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

15.0050, 18.1161, 17.1739

Protanopia

17.0795, 17.9535, 15.9298

Deuteranopia

18.4023, 18.0879, 17.5603



Tritanopia

16.4136, 18.1382, 24.1087

Trichromacy



Original Color

15.0050, 18.1161, 17.1739

Protanomaly

16.2574, 18.0510, 16.2630

Deuteranomaly

17.0386, 18.0757, 17.3428

Tritanomaly

15.9015, 18.1158, 21.3975

Monochromacy



Original Color

15.0050, 18.1161, 17.1739

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.7657, 17.4003, 18.1504

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.0050, 18.1161, 17.1739 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(98, 124, 109) looks like.

```
.text, #text, p{  
  color:rgb(98, 124, 109)  
}
```

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(98, 124, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 124, 109) }
```

Border

The CSS property to change the border of an element to XYZ 15.0050, 18.1161, 17.1739 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(98, 124, 109) }
```


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

```
.border{ border-color:rgb(98, 124, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 124, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 124, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 124, 109);  
box-shadow:4px 4px 4px 4px rgb(98, 124,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 15.0050, 18.1161, 17.1739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 124, 109) }
```

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

```
.background{ background-color: rgb(98, 124,  
109) }
```

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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