

Converting Colors

XYZ(15.2852, 18.0418, 17.0721)

Have a look what the booklet for
XYZ(15.2852, 18.0418, 17.0721)
contains.

XYZ(15.3228, 18.0948, 17.1531)	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(15.3228, 18.0948,
17.1531)**

Conversions

Conversions Part 1

Format	Color
Hex	667B6D
RGB	102, 123, 109
RGB Percent	40%, 48%, 43%
CMY	0.6000, 0.5176, 0.5725
CMYK	0.17, 0.00, 0.11, 0.52
HSL	140°, 9%, 44%
HSV	140°, 17%, 48%
XYZ	15.3228, 18.0948, 17.1531
YIQ	115.1250, -8.0220, -8.8060

Conversions

Conversions Part 2

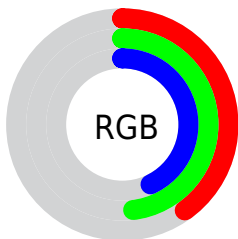
Format	Color
R_{YB}	102, 118, 123
Decimal	6716269
CIE _{Lab}	49.61, -10.68, 5.11
CIE _{LCh}	50, 11.837, 154.449
Yxy	18.0948, 0.3030, 0.3578
Android (android.graphics.Color)	4284906349 (0xFF667B6D)
YUV	115.1250, -3.0196, -11.5106
Hunter-Lab	42.5380, -10.1432, 5.8684

Details

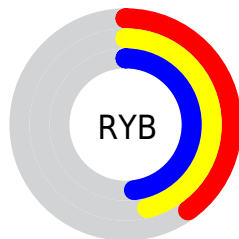
The XYZ color **15.3228, 18.0948, 17.1531** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.0728, 14.9752, 18.5672**, and the grayscale version is **16.3446, 17.1958, 18.7263**.

A 20% lighter version of the original color is **35.0074, 40.3610, 39.2031**, and **4.8938, 6.0576, 5.4687** is the 20% darker color. If you saturate the color by 10%, you get **13.6099, 17.2609, 14.8752**, and if you desaturate by 10%, it is **17.2848, 19.0533, 19.6585**.

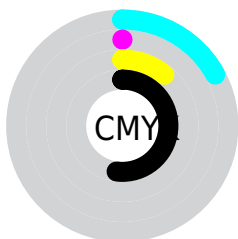
Distribution



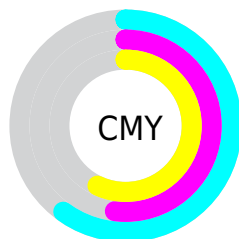
- Red (40%)
- Green (48%)
- Blue (43%)



- Red (40%)
- Yellow (46%)
- Blue (48%)



- Cyan (17%)
- Magenta (0%)
- Yellow (11%)
- Black (52%)



- Cyan (60%)
- Magenta (52%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3228, 18.0948, 17.1531 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 15.3228, 18.0948, 17.1531 by changing the saturation by 10% instead.

■ 15.3228, 18.0948,
17.1531

■ 15.3228, 18.0948,
17.1531

218.6617,
241.4048, 248.1269

■ 9.1340, 11.0181,
10.1806

■ 34.9855, 40.1988,
39.3831

■ 4.8865, 6.0790,
5.4117

■ 49.1902, 55.9949,
55.4776

■ 2.2149, 2.8932,
2.4279

■ 66.7975, 75.4661,
75.4499

■ 0.7506, 1.0762,
0.8016

■ 88.1728, 98.9970,
99.7186

■ 0.0000, 0.0000,
0.0000

113.6816,
126.9720, 128.7020

143.6891,

159.7753, 162.8189

178.5606,
197.7915, 202.4876

■ 15.3228, 18.0948,
17.1531

■ 15.3228, 18.0948,
17.1531

■ 13.6099, 17.2609,
14.8752

■ 17.2848, 19.0533,
19.6585

■ 12.1344, 16.5443,
12.8171

■ 19.5039, 20.1390,
22.3963

■ 10.8859, 15.9402,
10.9728

■ 21.9898, 21.3573,
25.3726

■ 9.8524, 15.4426,
9.3353

■ 24.7511, 22.7123,
28.5932

■ 9.0213, 15.0451,
7.8972

■ 27.7960, 24.2084,
32.0634

■ 8.3779, 14.7404,
6.6507

■ 31.1324, 25.8494,
35.7886

■ 7.9061, 14.5202,
5.5875

■ 34.7679, 27.6391,
39.7738

■ 7.5717, 14.3671,
4.6979

■ 38.7097, 29.5812,
44.0240

■ 7.4835, 14.3266,
4.4685

■ 42.9650, 31.6792,
48.5440

Harmonies

Analogous

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



16.0056, 18.0948, 15.0293



15.3228, 18.0948, 17.1531



15.1341, 18.0948, 20.1859

Triad

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



15.3228, 18.0948, 17.1531



17.3666, 18.0948, 26.5342



19.0416, 18.0948, 16.4065

Complementary

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



15.3228, 18.0948, 17.1531



16.0728, 14.9752, 18.5672

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.



19.4428, 18.0948, 19.2262



15.3228, 18.0948, 17.1531



18.4494, 18.0948, 25.2552

Square

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



15.3228, 18.0948, 17.1531



16.2838, 18.0948, 25.8257



19.2215, 18.0948, 22.4920



18.1469, 18.0948, 14.6323

Rectangle

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



15.3228, 18.0948, 17.1531



15.3066, 18.0948, 22.3745



19.2215, 18.0948, 22.4920



19.2404, 18.0948, 17.2515

Sweetspot

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



15.3233, 18.0956, 17.1535



31.6898, 34.4792, 36.1252



16.7310, 18.8631, 15.3298



7.4112, 8.0948, 8.4429



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.



15.3233, 18.0956, 17.1535



26.3413, 31.8680, 29.2768



15.9019, 18.3270, 20.2001



4.0009, 4.4700, 4.5385



7.7389, 14.8192, 4.6100



36.5577, 70.5461, 20.1069

Inverse Universe

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



16.0728, 14.9752, 18.5672



27.9149, 25.3152, 32.2443



15.5141, 14.7517, 15.6249



4.1004, 4.0559, 4.7262



10.0232, 4.9854, 8.6792



47.4046, 23.6182, 39.2561

Previews

White Background



This preview shows how the XYZ color 15.3228, 18.0948, 17.1531 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 15.3228, 18.0948, 17.1531 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 15.3228, 18.0948, 17.1531

Background



This preview shows how black text looks on a background with the XYZ color 15.3228, 18.0948, 17.1531.

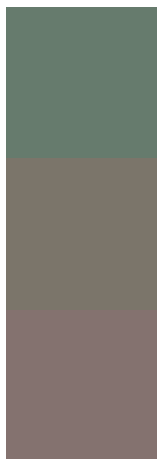


This preview shows how white text looks on a background with the XYZ color 15.3228, 18.0948,

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

15.3228, 18.0948, 17.1531

Protanopia

17.1312, 17.9741, 16.2021

Deuteranopia

18.4023, 18.0879, 17.5603



Tritanopia

16.6896, 18.1088, 23.7348

Trichromacy



Original Color

15.3228, 18.0948, 17.1531

Protanomaly

16.3209, 17.9000, 16.5048

Deuteranomaly

17.0609, 17.9133, 17.3103

Tritanomaly

16.1759, 18.0831, 21.0502

Monochromacy



Original Color

15.3228, 18.0948, 17.1531

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.8895, 17.4641, 18.1562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3228, 18.0948, 17.1531 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(102, 123, 109)` looks like.

```
.text, #text, p{  
    color:rgb(102, 123, 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(102, 123, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 123, 109) }
```

Border

The CSS property to change the border of an element to XYZ 15.3228, 18.0948, 17.1531 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(102, 123, 109) }
```


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

```
.border{ border-color:rgb(102, 123, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 123, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 123, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 123, 109);  
box-shadow:4px 4px 4px 4px rgb(102, 123,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3228, 18.0948, 17.1531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 123, 109) }
```

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

```
.background{ background-color: rgb(102,  
123, 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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