

Converting Colors

XYZ(15.4586, 17.4204, 20.6045)

Have a look what the booklet for
XYZ(15.4586, 17.4204, 20.6045)
contains.

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Color

**XYZ(15.4148, 17.3408,
20.6238)**

Conversions

Conversions Part 1

Format	Color
Hex	657779
RGB	101, 119, 121
RGB Percent	40%, 47%, 47%
CMY	0.6039, 0.5333, 0.5255
CMYK	0.17, 0.02, 0.00, 0.53
HSL	186°, 9%, 44%
HSV	186°, 17%, 47%
XYZ	15.4148, 17.3408, 20.6238
YIQ	113.8460, -11.3700, -3.1940

Conversions

Conversions Part 2

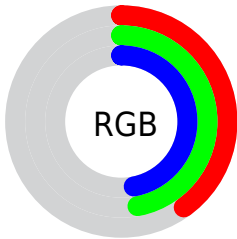
Format	Color
R_{YB}	101, 110, 121
Decimal	6649721
CIE _{Lab}	48.69, -6.15, -3.33
CIE _{LCh}	49, 6.996, 208.431
Yxy	17.3408, 0.2888, 0.3249
Android (android.graphics.Color)	4284839801 (0xFF657779)
YUV	113.8460, 3.5269, -11.2659
Hunter-Lab	41.6423, -6.7983, -0.2144

Details

The XYZ color **15.4148, 17.3408, 20.6238** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.0844, 14.7049, 14.3555**, and the grayscale version is **15.9407, 16.7708, 18.2634**.

A 20% lighter version of the original color is **35.0546, 38.8184, 45.1803**, and **4.9772, 5.7718, 7.1551** is the 20% darker color. If you saturate the color by 10%, you get **14.0157, 16.4078, 20.5177**, and if you desaturate by 10%, it is **17.0162, 18.3818, 20.7406**.

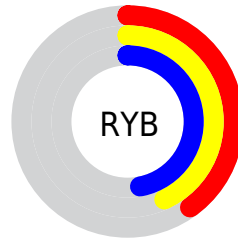
Distribution



Red (40%)

Green (47%)

Blue (47%)



Red (40%)

Yellow (43%)

Blue (47%)

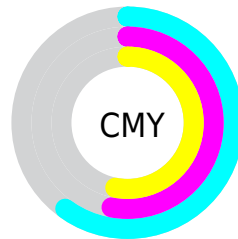


Cyan (17%)

Magenta (2%)

Yellow (0%)

Black (53%)



Cyan (60%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4148, 17.3408, 20.6238 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 15.4148, 17.3408, 20.6238 by changing the saturation by 10% instead.

■ 15.4148, 17.3408,
20.6238

■ 15.4148, 17.3408,
20.6238

219.2023,
237.1287, 267.9874

■ 9.1992, 10.4778,
12.6607

■ 35.1450, 38.9108,
45.3332

■ 4.9295, 5.7169,
7.0674

■ 49.3902, 54.3866,
62.9167

■ 2.2403, 2.6737,
3.4252

■ 67.0428, 73.5020,
84.5440

■ 0.7638, 0.9639,
1.3156

■ 88.4680, 96.6416,
110.6337

■ 0.0000, 0.0000,
0.0745

114.0312,
124.1897, 141.6043

■ 0.0000, 0.0000,
0.0000

144.0977,

156.5306, 177.8745

179.0330,
194.0488, 219.8627

■ 15.4148, 17.3408,
20.6238

■ 15.4148, 17.3408,
20.6238

■ 14.0157, 16.4078,
20.5177

■ 17.0162, 18.3818,
20.7406

■ 12.8088, 15.5760,
20.4208

■ 18.8267, 19.5328,
20.8673

■ 11.7851, 14.8415,
20.3330

■ 20.8543, 20.7985,
21.0048

■ 10.9347, 14.1989,
20.2538

■ 23.1064, 22.1827,
21.1533

■ 10.2463, 13.6426,
20.1827

■ 25.5900, 23.6889,
21.3131

■ 9.7077, 13.1661,
20.1191

■ 28.3118, 25.3208,
21.4846

■ 9.3045, 12.7621,
20.0623

■ 31.2781, 27.0814,
21.6681

■ 9.0078, 12.4157,
20.0111

■ 34.4950, 28.9741,
21.8639

■ 8.9104, 12.2989,
19.9937

■ 37.9687, 31.0018,
22.0722

Harmonies

Analogous

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



15.2726, 17.3408, 18.7840



15.4148, 17.3408, 20.6238



15.8409, 17.3408, 22.0731

Triad

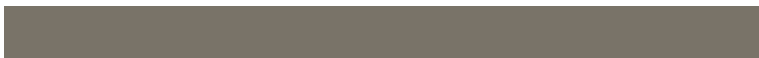
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.4148, 17.3408, 20.6238



17.5617, 17.3408, 20.8031



16.5159, 17.3408, 15.5475

Complementary

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



15.4148, 17.3408, 20.6238



15.0844, 14.7049, 14.3555

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.



17.1400, 17.3408, 16.0128



15.4148, 17.3408, 20.6238



17.7534, 17.3408, 18.9787

Square

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



15.4148, 17.3408, 20.6238



17.0797, 17.3408, 22.1813



17.5972, 17.3408, 17.2396



15.8983, 17.3408, 15.9258

Rectangle

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



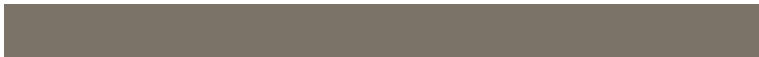
15.4148, 17.3408, 20.6238



16.2343, 17.3408, 22.5804



17.5972, 17.3408, 17.2396



16.7320, 17.3408, 15.6098

Sweetspot

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



15.4153, 17.3415, 20.6242



30.9033, 33.1937, 37.1711



14.6359, 17.4143, 15.3346



7.0263, 7.5643, 8.4964



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.



15.4153, 17.3415, 20.6242



26.5668, 30.3673, 36.8541



14.3225, 15.1560, 20.2599



4.0745, 4.4473, 5.0868



9.5442, 13.1709, 21.4245



45.1735, 62.1195, 102.0792

Inverse Universe

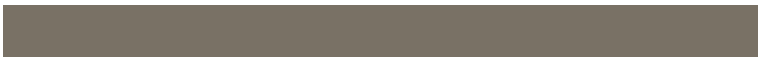
The Inverse Universe completely reimagines the original color for something new.



15.8690, 14.7045, 19.4554



27.5540, 24.6886, 34.2974



16.1024, 16.7408, 14.6948



4.1381, 4.0709, 4.9247



11.4008, 5.5365, 15.9334



54.2046, 26.3382, 75.0647

Previews

White Background



This preview shows how the XYZ color 15.4148, 17.3408, 20.6238 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 15.4148, 17.3408, 20.6238 looks on a black 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

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

XYZ 15.4148, 17.3408, 20.6238

Background



This preview shows how black text looks on a background with the XYZ color 15.4148, 17.3408, 20.6238.



This preview shows how white text looks on a background with the XYZ color 15.4148, 17.3408,

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

15.4148, 17.3408, 20.6238

Protanopia

16.7369, 17.3514, 19.6066

Deuteranopia

17.4754, 17.2044, 20.8121



Tritanopia

15.7887, 17.3140, 22.5884

Trichromacy



Original Color

15.4148, 17.3408, 20.6238

Protanomaly

16.1307, 17.2022, 19.9229

Deuteranomaly

16.7138, 17.3114, 20.8729

Tritanomaly

15.6596, 17.2623, 21.9086

Monochromacy



Original Color

15.4148, 17.3408, 20.6238

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.7630, 17.0263, 19.2852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4148, 17.3408, 20.6238 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(101, 119, 121)` looks like.

```
.text, #text, p{  
    color:rgb(101, 119, 121)  
}
```

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(101, 119, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 119, 121) }
```

Border

The CSS property to change the border of an element to XYZ 15.4148, 17.3408, 20.6238 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(101, 119, 121) }
```


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

```
.border{ border-color:rgb(101, 119, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 119, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 119, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 119, 121);  
box-shadow:4px 4px 4px 4px rgb(101, 119,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4148, 17.3408, 20.6238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 119, 121) }
```

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

```
.background{ background-color: rgb(101,  
119, 121) }
```

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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