

Converting Colors

XYZ(15.4621, 17.6304, 19.3612)

Have a look what the booklet for
XYZ(15.4621, 17.6304, 19.3612)
contains.

XYZ(15.4068, 17.5421, 19.4036)	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(15.4068, 17.5421,
19.4036)**

Conversions

Conversions Part 1

Format	Color
Hex	667875
RGB	102, 120, 117
RGB Percent	40%, 47%, 46%
CMY	0.6000, 0.5294, 0.5412
CMYK	0.15, 0.00, 0.03, 0.53
HSL	170°, 8%, 44%
HSV	170°, 15%, 47%
XYZ	15.4068, 17.5421, 19.4036
YIQ	114.2760, -9.7650, -4.7490

Conversions

Conversions Part 2

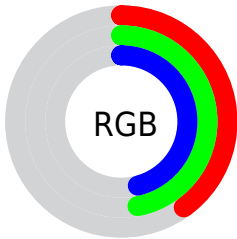
Format	Color
R_{YB}	102, 112, 120
Decimal	6715509
CIE _{Lab}	48.94, -7.27, -0.59
CIE _{LCh}	49, 7.298, 184.632
Y _{xy}	17.5421, 0.2943, 0.3351
Android (android.graphics.Color)	4284905589 (0xFF667875)
YUV	114.2760, 1.3429, -10.7661
Hunter-Lab	41.8833, -7.6344, 1.8506

Details

The XYZ color **15.4068, 17.5421, 19.4036** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.0475, 14.5161, 15.3740**, and the grayscale version is **16.0757, 16.9129, 18.4181**.

A 20% lighter version of the original color is **35.0508, 39.1419, 43.2439**, and **4.9671, 5.8766, 6.5027** is the 20% darker color. If you saturate the color by 10%, you get **14.0278, 16.8451, 18.7317**, and if you desaturate by 10%, it is **16.9862, 18.3431, 20.0987**.

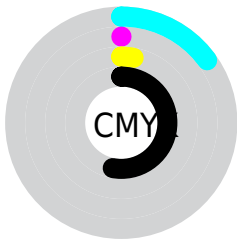
Distribution



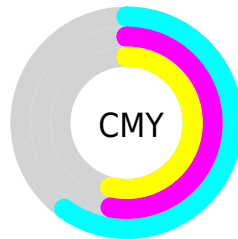
- Red (40%)
- Green (47%)
- Blue (46%)



- Red (40%)
- Yellow (44%)
- Blue (47%)



- Cyan (15%)
- Magenta (0%)
- Yellow (3%)
- Black (53%)



- Cyan (60%)
- Magenta (53%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.4068, 17.5421, 19.4036 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 15.4068, 17.5421, 19.4036 by changing the saturation by 10% instead.

■ 15.4068, 17.5421,
19.4036

■ 15.4068, 17.5421,
19.4036

219.1553,
238.2773, 261.1645

■ 9.1936, 10.6217,
11.7825

■ 35.1311, 39.2555,
43.2607

■ 4.9258, 5.8131,
6.4750

■ 49.3728, 54.8174,
60.3339

■ 2.2381, 2.7318,
3.0626

■ 67.0215, 74.0285,
81.3947

■ 0.7627, 0.9934,
1.1267

■ 88.4424, 97.2733,
106.8619

■ 0.0000, 0.0000,
0.0000

114.0008,
124.9362, 137.1539

144.0622,

157.4016, 172.6893

178.9920,
195.0538, 213.8867

■ 15.4068, 17.5421,
19.4036

■ 15.4068, 17.5421,
19.4036

■ 14.0278, 16.8451,
18.7317

■ 16.9862, 18.3431,
20.0987

■ 12.8393, 16.2456,
18.0815

■ 18.7725, 19.2499,
20.8163

■ 11.8327, 15.7395,
17.4527

■ 20.7737, 20.2672,
21.5573

■ 10.9982, 15.3220,
16.8449

■ 22.9968, 21.3986,
22.3221

■ 10.3252, 14.9873,
16.2574

■ 25.4487, 22.6477,
23.1110

■ 9.8017, 14.7295,
15.6897

■ 28.1358, 24.0177,
23.9244

■ 9.4141, 14.5414,
15.1409

■ 31.0644, 25.5120,
24.7627

■ 9.1405, 14.4118,
14.6100

■ 34.2405, 27.1335,
25.6263

■ 9.0167, 14.3536,
14.3500

■ 37.6699, 28.8853,
26.5155

Harmonies

Analogous

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



15.5223, 17.5421, 17.5444



15.4068, 17.5421, 19.4036



15.6230, 17.5421, 21.3027

Triad

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



15.4068, 17.5421, 19.4036



17.4255, 17.5421, 22.3415



17.2383, 17.5421, 15.9203

Complementary

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



15.4068, 17.5421, 19.4036



15.0475, 14.5161, 15.3740

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.



17.7695, 17.5421, 17.0553



15.4068, 17.5421, 19.4036



17.8797, 17.5421, 20.7457

Square

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



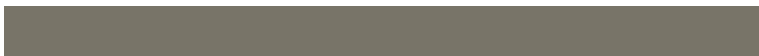
15.4068, 17.5421, 19.4036



16.7788, 17.5421, 23.0704



18.0072, 17.5421, 18.8003



16.5681, 17.5421, 15.6141

Rectangle

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



15.4068, 17.5421, 19.4036



15.9297, 17.5421, 22.3109



18.0072, 17.5421, 18.8003



17.4396, 17.5421, 16.2136

Sweetspot

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



15.4073, 17.5428, 19.4040



29.8386, 32.2424, 35.3332



14.9762, 17.4145, 15.1425



7.0318, 7.6210, 8.3569



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.



15.4073, 17.5428, 19.4040



26.2240, 30.4111, 33.7154



14.9213, 16.2838, 20.1269



4.0797, 4.5015, 4.9537



9.8318, 15.6564, 15.6310



46.6289, 74.5746, 73.1410

Inverse Universe

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



15.0475, 14.5161, 15.3740



25.4640, 24.0165, 25.2023



15.4755, 15.6148, 14.7688



4.0231, 4.0250, 4.3191



8.5840, 4.4097, 1.1002



40.7277, 20.9474, 4.0962

Previews

White Background



This preview shows how the XYZ color 15.4068, 17.5421, 19.4036 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 15.4068, 17.5421, 19.4036 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

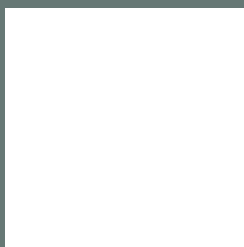
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.4068, 17.5421, 19.4036

Background



This preview shows how black text looks on a background with the XYZ color 15.4068, 17.5421, 19.4036.



This preview shows how white text looks on a background with the XYZ color 15.4068, 17.5421,

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

15.4068, 17.5421, 19.4036

Protanopia

16.6392, 17.3279, 18.3872

Deuteranopia

17.7281, 17.3559, 19.8684



Tritanopia

16.0836, 17.4584, 22.9442

Trichromacy



Original Color

15.4068, 17.5421, 19.4036

Protanomaly

16.1379, 17.4051, 18.7286

Deuteranomaly

16.7369, 17.3514, 19.6066

Tritanomaly

15.8284, 17.5325, 21.6186

Monochromacy



Original Color

15.4068, 17.5421, 19.4036

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.7703, 17.0436, 18.6782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.4068, 17.5421, 19.4036 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, 120, 117)` looks like.

```
.text, #text, p{  
    color:rgb(102, 120, 117)  
}
```

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, 120, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 120, 117) }
```

Border

The CSS property to change the border of an element to XYZ 15.4068, 17.5421, 19.4036 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, 120, 117) }
```


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

```
.border{ border-color:rgb(102, 120, 117) }
```

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

Here you see how a box with a 4 pixel rgb(102, 120, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 120, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 120, 117);  
box-shadow:4px 4px 4px 4px rgb(102, 120,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 15.4068, 17.5421, 19.4036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 120, 117) }
```

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

```
.background{ background-color: rgb(102,  
120, 117) }
```

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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