

Converting Colors

XYZ(15.4977, 17.0911, 20.4540)

Have a look what the booklet for
XYZ(15.4977, 17.0911, 20.4540)
contains.

XYZ(15.5214, 17.0461, 20.5613)	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(15.5214, 17.0461,
20.5613)**

Conversions

Conversions Part 1

Format	Color
Hex	687579
RGB	104, 117, 121
RGB Percent	41%, 46%, 47%
CMY	0.5922, 0.5412, 0.5255
CMYK	0.14, 0.03, 0.00, 0.53
HSL	194°, 8%, 44%
HSV	194°, 14%, 47%
XYZ	15.5214, 17.0461, 20.5613
YIQ	113.5690, -9.0320, -1.5120

Conversions

Conversions Part 2

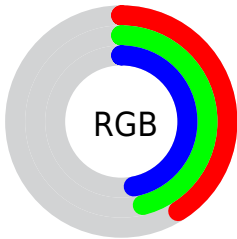
Format	Color
R_YB	104, 111, 121
Decimal	6845817
CIE Lab	48.32, -3.94, -3.85
CIE LCh	48, 5.506, 224.363
Yxy	17.0461, 0.2921, 0.3208
Android (android.graphics.Color)	4285035897 (0xFF687579)
YUV	113.5690, 3.6635, -8.3920
Hunter-Lab	41.2869, -5.1469, -0.6262

Details

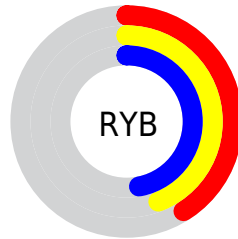
The XYZ color **15.5214, 17.0461, 20.5613** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.7465, 15.7895, 15.3148**, and the grayscale version is **15.8570, 16.6828, 18.1676**.

A 20% lighter version of the original color is **35.2484, 38.3616, 45.0819**, and **5.0181, 5.6071, 7.1211** is the 20% darker color. If you saturate the color by 10%, you get **13.8900, 15.7207, 20.3917**, and if you desaturate by 10%, it is **17.3654, 18.4970, 20.7444**.

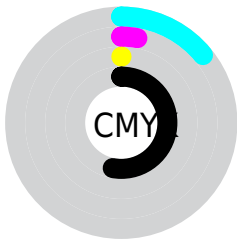
Distribution



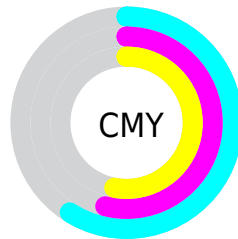
- Red (41%)
- Green (46%)
- Blue (47%)



- Red (41%)
- Yellow (44%)
- Blue (47%)



- Cyan (14%)
- Magenta (3%)
- Yellow (0%)
- Black (53%)



- Cyan (59%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5214, 17.0461, 20.5613 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 15.5214, 17.0461, 20.5613 by changing the saturation by 10% instead.

■ 15.5214, 17.0461,
20.5613

■ 15.5214, 17.0461,
20.5613

219.8271,
235.4379, 267.6418

■ 9.2748, 10.2674,
12.6156

■ 35.3295, 38.4050,
45.2275

■ 4.9794, 5.5766,
7.0368

■ 49.6217, 53.7540,
62.7851

■ 2.2698, 2.5894,
3.4063

■ 67.3266, 72.7285,
84.3838

■ 0.7792, 0.9213,
1.3057

■ 88.8094, 95.7129,
110.4421

■ 0.0000, 0.0000,
0.0664

114.4355,
123.0917, 141.3785

■ 0.0000, 0.0000,
0.0000

144.5702,

155.2492, 177.6115

179.5790,
192.5698, 219.5598

■ 15.5214, 17.0461,
20.5613

■ 15.5214, 17.0461,
20.5613

■ 13.8900, 15.7207,
20.3917

■ 17.3654, 18.4970,
20.7444

■ 12.4612, 14.5142,
20.2341

■ 19.4288, 20.0755,
20.9404

■ 11.2261, 13.4222,
20.0885

■ 21.7195, 21.7866,
21.1499

■ 10.1748, 12.4395,
19.9542

■ 24.2451, 23.6340,
21.3734

■ 9.2964, 11.5604,
19.8308

■ 27.0123, 25.6215,
21.6111

■ 8.5787, 10.7785,
19.7177

■ 30.0280, 27.7526,
21.8636

■ 8.0079, 10.0864,
19.6142

■ 33.2984, 30.0308,
22.1309

■ 7.5651, 9.4743,
19.5194

■ 36.8299, 32.4595,
22.4136

■ 7.3255, 9.1290,
19.4654

■ 40.6282, 35.0416,
22.7118

Harmonies

Analogous

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



15.2845, 17.0461, 19.2546



15.5214, 17.0461, 20.5613



15.9430, 17.0461, 21.3520

Triad

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



15.5214, 17.0461, 20.5613



17.1493, 17.0461, 19.3155



15.9635, 17.0461, 16.0088

Complementary

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



15.5214, 17.0461, 20.5613



15.7465, 15.7895, 15.3148

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.



16.4634, 17.0461, 16.0232



15.5214, 17.0461, 20.5613



17.1551, 17.0461, 17.8829

Square

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



15.5214, 17.0461, 20.5613



16.8862, 17.0461, 20.6079



16.9018, 17.0461, 16.6935



15.5362, 17.0461, 16.6531

Rectangle

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



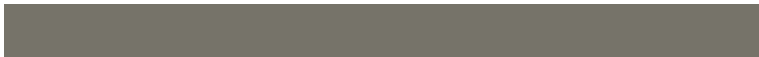
15.5214, 17.0461, 20.5613



16.2754, 17.0461, 21.4558



16.9018, 17.0461, 16.6935



16.1285, 17.0461, 15.9378

Sweetspot

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



15.5219, 17.0468, 20.5617



31.0787, 33.1089, 37.1455



15.2516, 17.7001, 16.7910



7.0553, 7.5309, 8.4884



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.



15.5219, 17.0468, 20.5617



26.7672, 29.6999, 36.7148



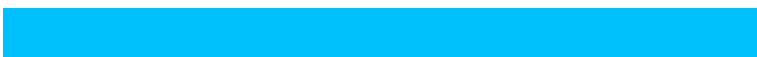
14.5794, 15.1618, 20.2475



4.0310, 4.3603, 5.0723



7.8415, 9.7655, 20.8569



36.7287, 45.2300, 99.2642

Inverse Universe

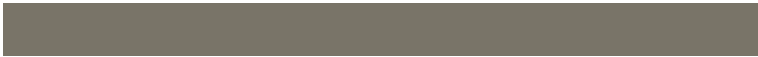
The Inverse Universe completely reimagines the original color for something new.



16.0467, 15.2503, 18.9283



27.9159, 25.8316, 33.1255



16.6834, 17.6634, 15.6271



4.1161, 4.0622, 4.8090



10.5414, 5.1927, 11.4077



49.9421, 24.6332, 52.6185

Previews

White Background



This preview shows how the XYZ color 15.5214, 17.0461, 20.5613 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 15.5214, 17.0461, 20.5613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

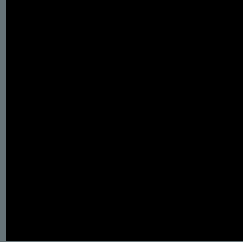
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 15.5214, 17.0461, 20.5613

Background



This preview shows how black text looks on a background with the XYZ color 15.5214, 17.0461, 20.5613.



This preview shows how white text looks on a background with the XYZ color 15.5214, 17.0461,

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

15.5214, 17.0461, 20.5613

Protanopia

16.4173, 17.0114, 19.8710

Deuteranopia

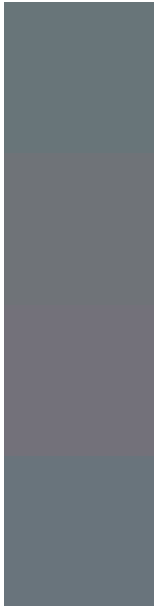
17.2233, 16.9116, 20.7689



Tritanopia

15.8370, 17.0004, 22.1854

Trichromacy



Original Color

15.5214, 17.0461, 20.5613

Protanomaly

16.0764, 16.9970, 20.2027

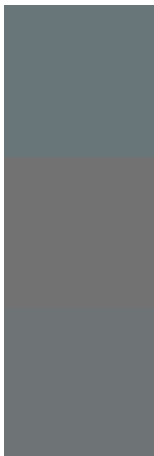
Deuteranomaly

16.4882, 16.8602, 20.7977

Tritanomaly

15.7092, 16.9493, 21.5124

Monochromacy



Original Color

15.5214, 17.0461, 20.5613

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.7720, 16.8608, 19.2528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5214, 17.0461, 20.5613 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(104, 117, 121)` looks like.

```
.text, #text, p{  
    color:rgb(104, 117, 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(104, 117, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 117, 121) }
```

Border

The CSS property to change the border of an element to XYZ 15.5214, 17.0461, 20.5613 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(104, 117, 121) }
```


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

```
.border{ border-color:rgb(104, 117, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 117, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 117, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 117, 121);  
box-shadow:4px 4px 4px 4px rgb(104, 117,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5214, 17.0461, 20.5613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 117, 121) }
```

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

```
.background{ background-color: rgb(104,  
117, 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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