

Converting Colors

XYZ(15.6578, 16.8825, 21.4932)

Have a look what the booklet for
XYZ(15.6578, 16.8825, 21.4932)
contains.

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Color

**XYZ(15.7092, 16.9493,
21.5124)**

Conversions

Conversions Part 1

Format	Color
Hex	69747C
RGB	105, 116, 124
RGB Percent	41%, 45%, 49%
CMY	0.5882, 0.5451, 0.5137
CMYK	0.15, 0.06, 0.00, 0.51
HSL	205°, 8%, 45%
HSV	205°, 15%, 49%
XYZ	15.7092, 16.9493, 21.5124
YIQ	113.6230, -9.1240, 0.1560

Conversions

Conversions Part 2

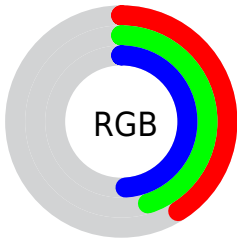
Format	Color
RYB	105, 112, 124
Decimal	6911100
CIELab	48.20, -2.31, -5.80
CIELCh	48, 6.247, 248.269
Yxy	16.9493, 0.2900, 0.3129
Android (android.graphics.Color)	4285101180 (0xFF69747C)
YUV	113.6230, 5.1159, -7.5624
Hunter-Lab	41.1695, -3.9358, -2.1623

Details

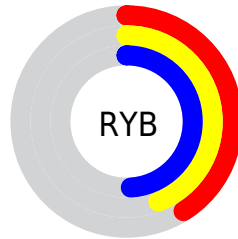
The XYZ color **15.7092, 16.9493, 21.5124** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.7672, 17.1152, 15.7848**, and the grayscale version is **15.8690, 16.6954, 18.1813**.

A 20% lighter version of the original color is **35.5494, 38.2078, 46.5755**, and **5.0820, 5.5418, 7.4584** is the 20% darker color. If you saturate the color by 10%, you get **13.7728, 15.0832, 21.2545**, and if you desaturate by 10%, it is **17.8928, 18.9940, 21.7922**.

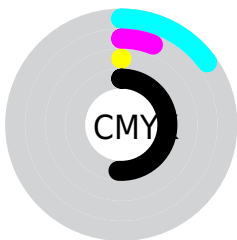
Distribution



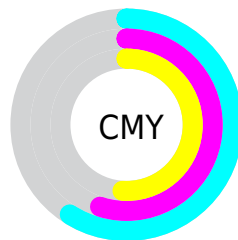
- Red (41%)
- Green (45%)
- Blue (49%)



- Red (41%)
- Yellow (44%)
- Blue (49%)



- Cyan (15%)
- Magenta (6%)
- Yellow (0%)
- Black (51%)



- Cyan (59%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.7092, 16.9493, 21.5124 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 15.7092, 16.9493, 21.5124 by changing the saturation by 10% instead.

■ 15.7092, 16.9493,
21.5124

■ 15.7092, 16.9493,
21.5124

220.9239,
234.8800, 272.8592

■ 9.4082, 10.1983,
13.3042

■ 35.6542, 38.2386,
46.8306

■ 5.0676, 5.5307,
7.5052

■ 50.0288, 53.5457,
64.7776

■ 2.3221, 2.5619,
3.6968

■ 67.8253, 72.4737,
86.8080

■ 0.8060, 0.9075,
1.4605

■ 89.4091, 95.4069,
113.3403

■ 0.0000, 0.0000,
0.1883

115.1455,
122.7297, 144.7930

■ 0.0000, 0.0000,
0.0000

145.3998,

154.8266, 181.5847

180.5375,
192.0819, 224.1339

■ 15.7092, 16.9493,
21.5124

■ 15.7092, 16.9493,
21.5124

■ 13.7728, 15.0832,
21.2545

■ 17.8928, 18.9940,
21.7922

■ 12.0725, 13.3877,
21.0169

■ 20.3312, 21.2206,
22.0935

■ 10.5983, 11.8573,
20.7992

■ 23.0337, 23.6351,
22.4171

■ 9.3390, 10.4854,
20.6008

■ 26.0084, 26.2425,
22.7636

■ 8.2824, 9.2648,
20.4208

■ 29.2632, 29.0475,
23.1335

■ 7.4148, 8.1875,
20.2586

■ 32.8056, 32.0549,
23.5273

■ 6.7208, 7.2447,
20.1132

■ 36.6428, 35.2690,
23.9454

■ 6.1758, 6.4227,
19.9833

■ 40.7818, 38.6941,
24.3884

■ 5.9427, 6.0643,
19.9264

■ 45.2294, 42.3344,
24.8566

Harmonies

Analogous

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



15.2683, 16.9493, 20.4586



15.7092, 16.9493, 21.5124



16.2672, 16.9493, 21.7231

Triad

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



15.7092, 16.9493, 21.5124



17.2138, 16.9493, 18.0092



15.4435, 16.9493, 16.1087

Complementary

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



15.7092, 16.9493, 21.5124



16.7672, 17.1152, 15.7848

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.



15.9534, 16.9493, 15.5322



15.7092, 16.9493, 21.5124



16.9817, 16.9493, 16.5865

Square

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



15.7092, 16.9493, 21.5124



17.1447, 16.9493, 19.6362



16.5172, 16.9493, 15.7018



15.1174, 16.9493, 17.3220

Rectangle

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



15.7092, 16.9493, 21.5124



16.6321, 16.9493, 21.3460



16.5172, 16.9493, 15.7018



15.5986, 16.9493, 15.8374

Sweetspot

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



15.7097, 16.9500, 21.5128



31.5694, 33.5010, 38.3591



16.0096, 18.6093, 18.3467



7.3796, 7.8387, 9.0271



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.



15.7097, 16.9500, 21.5128



26.5411, 28.7747, 37.7118



14.6785, 14.8876, 21.1690



3.9723, 4.2430, 5.0528



6.0386, 6.1596, 20.2559



27.9483, 27.6693, 96.3375

Inverse Universe

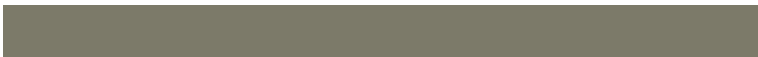
The Inverse Universe completely reimagines the original color for something new.



16.5166, 15.6496, 18.6740



28.2257, 26.1242, 31.7701



17.8731, 19.3270, 16.1534



4.0865, 4.0503, 4.6531



9.6313, 4.8287, 6.6154



45.5102, 22.8604, 29.2803

Previews

White Background



This preview shows how the XYZ color 15.7092, 16.9493, 21.5124 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 15.7092, 16.9493, 21.5124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

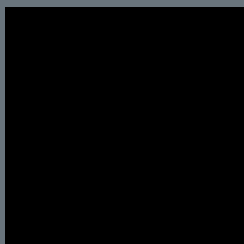
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

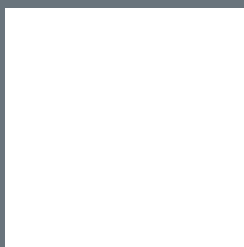
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.7092, 16.9493, 21.5124

Background



This preview shows how black text looks on a background with the XYZ color 15.7092, 16.9493, 21.5124.



This preview shows how white text looks on a background with the XYZ color 15.7092, 16.9493,

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

15.7092, 16.9493, 21.5124

Protanopia

16.4696, 17.0172, 20.8290

Deuteranopia

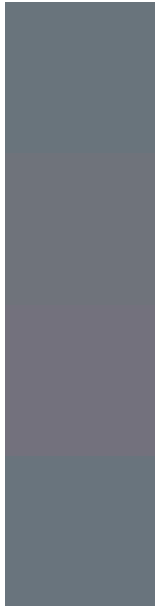
17.1318, 16.8426, 21.7500



Tritanopia

15.7728, 16.9747, 21.8472

Trichromacy



Original Color

15.7092, 16.9493, 21.5124

Protanomaly

16.2614, 17.0710, 21.1769

Deuteranomaly

16.6770, 16.9358, 21.7920

Tritanomaly

15.7728, 16.9747, 21.8472

Monochromacy



Original Color

15.7092, 16.9493, 21.5124

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.9563, 16.9490, 19.5700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.7092, 16.9493, 21.5124 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(105, 116, 124)` looks like.

```
.text, #text, p{  
    color:rgb(105, 116, 124)  
}
```

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(105, 116, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 116, 124) }
```

Border

The CSS property to change the border of an element to XYZ 15.7092, 16.9493, 21.5124 is called "border". The border property can be set on classes, ids or directly on the HTML element.

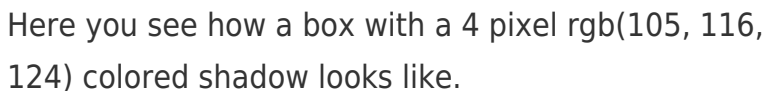
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 116, 124) }
```


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

```
.border{ border-color:rgb(105, 116, 124) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 116, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 116, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 116, 124); box-shadow:4px 4px 4px 4px rgb(105, 116, 124) }
```

Background

The CSS property to change the background color of an element to XYZ 15.7092, 16.9493, 21.5124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 116, 124) }
```

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

```
.background{ background-color: rgb(105,  
116, 124) }
```

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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