

Converting Colors

XYZ(15.1025, 16.7709, 21.3628)

Have a look what the booklet for
XYZ(15.1025, 16.7709, 21.3628)
contains.

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Color

**XYZ(15.1450, 16.8305,
21.5192)**

Conversions

Conversions Part 1

Format	Color
Hex	63757C
RGB	99, 117, 124
RGB Percent	39%, 46%, 49%
CMY	0.6118, 0.5412, 0.5137
CMYK	0.20, 0.06, 0.00, 0.51
HSL	197°, 11%, 44%
HSV	197°, 20%, 49%
XYZ	15.1450, 16.8305, 21.5192
YIQ	112.4160, -12.9750, -1.6390

Conversions

Conversions Part 2

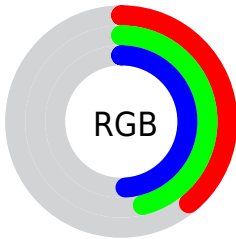
Format	Color
R_{YB}	99, 109, 124
Decimal	6518140
CIE _{Lab}	48.05, -4.99, -6.07
CIE _{LCh}	48, 7.861, 230.597
Yxy	16.8305, 0.2831, 0.3146
Android (android.graphics.Color)	4284708220 (0xFF63757C)
YUV	112.4160, 5.7109, -11.7658
Hunter-Lab	41.0250, -5.8977, -2.3824

Details

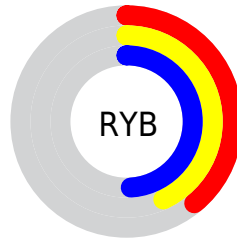
The XYZ color **15.1450, 16.8305, 21.5192** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.7185, 15.4940, 13.9669**, and the grayscale version is **15.5103, 16.3180, 17.7703**.

A 20% lighter version of the original color is **34.6021, 37.9946, 46.5843**, and **4.8143, 5.4943, 7.4634** is the 20% darker color. If you saturate the color by 10%, you get **13.4961, 15.3915, 21.3286**, and if you desaturate by 10%, it is **17.0179, 18.4081, 21.7253**.

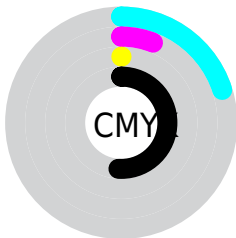
Distribution



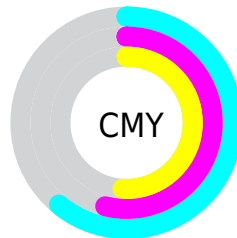
- Red (39%)
- Green (46%)
- Blue (49%)



- Red (39%)
- Yellow (43%)
- Blue (49%)



- Cyan (20%)
- Magenta (6%)
- Yellow (0%)
- Black (51%)



- Cyan (61%)
- Magenta (54%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.1450, 16.8305, 21.5192 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 15.1450, 16.8305, 21.5192 by changing the saturation by 10% instead.

■ 15.1450, 16.8305,
21.5192

■ 15.1450, 16.8305,
21.5192

217.6132,
234.1937, 272.8961

■ 9.0082, 10.1137,
13.3091

■ 34.6769, 38.0341,
46.8420

■ 4.8037, 5.4744,
7.5085

■ 48.8027, 53.2897,
64.7918

■ 2.1661, 2.5282,
3.6989

■ 66.3223, 72.1604,
86.8252

■ 0.7248, 0.8907,
1.4616

■ 87.6009, 95.0306,
113.3609

■ 0.0000, 0.0000,
0.1891

113.0040,
122.2846, 144.8172

■ 0.0000, 0.0000,
0.0000

142.8968,

154.3068, 181.6129

177.6447,
191.4818, 224.1663

■ 15.1450, 16.8305,
21.5192

■ 15.1450, 16.8305,
21.5192

■ 13.4961, 15.3915,
21.3286

■ 17.0179, 18.4081,
21.7253

■ 12.0601, 14.0840,
21.1519

■ 19.1225, 20.1271,
21.9462

■ 10.8272, 12.9029,
20.9889

■ 21.4676, 21.9929,
22.1827

■ 9.7862, 11.8422,
20.8391

■ 24.0613, 24.0099,
22.4353

■ 8.9245, 10.8953,
20.7017

■ 26.9113, 26.1821,
22.7044

■ 8.2282, 10.0546,
20.5762

■ 30.0249, 28.5136,
22.9903

■ 7.6810, 9.3117,
20.4616

■ 33.4092, 31.0083,
23.2934

■ 7.2346, 8.6481,
20.3570

■ 37.0709, 33.6699,
23.6142

■ 41.0165, 36.5019,
23.9528

Harmonies

Analogous

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



14.7514, 16.8305, 19.7372



15.1450, 16.8305, 21.5192



15.7747, 16.8305, 22.4643

Triad

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



15.1450, 16.8305, 21.5192



17.3834, 16.8305, 18.9724



15.5209, 16.8305, 14.9006

Complementary

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



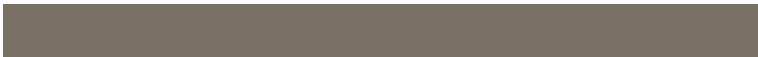
15.1450, 16.8305, 21.5192



15.7185, 15.4940, 13.9669

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.



16.2212, 16.8305, 14.7291



15.1450, 16.8305, 21.5192



17.3105, 16.8305, 16.9829

Square

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



15.1450, 16.8305, 21.5192



17.0763, 16.8305, 20.9239



16.8801, 16.8305, 15.4646



14.9640, 16.8305, 15.9518

Rectangle

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



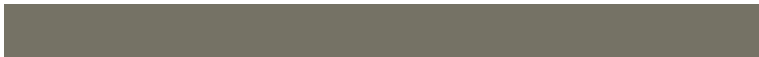
15.1450, 16.8305, 21.5192



16.2495, 16.8305, 22.4481



16.8801, 16.8305, 15.4646



15.7469, 16.8305, 14.7414

Sweetspot

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



15.1455, 16.8312, 21.5196



31.3854, 33.5785, 38.3837



14.9378, 18.1020, 16.2520



7.3481, 7.8725, 9.0353



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.



15.1455, 16.8312, 21.5196



25.3251, 28.4723, 37.7176



13.8186, 14.1775, 21.0773



4.0167, 4.3318, 5.0676



7.3523, 8.7870, 20.6938



34.3250, 40.4227, 98.4630

Inverse Universe

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



15.9853, 14.4935, 18.7855



27.0921, 23.6803, 31.9366



17.0627, 18.1824, 14.4150



4.1089, 4.0593, 4.7711



10.2944, 5.0939, 10.1072



48.7288, 24.1479, 46.2296

Previews

White Background



This preview shows how the XYZ color 15.1450, 16.8305, 21.5192 looks on a white background.

Color Contrast Check

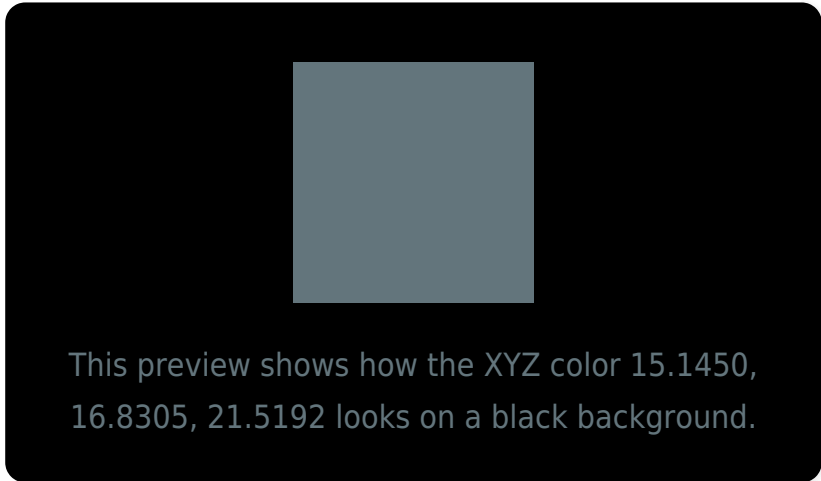
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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

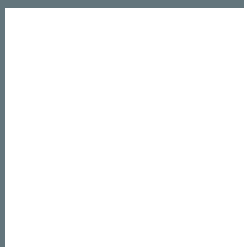
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.1450, 16.8305, 21.5192

Background



This preview shows how black text looks on a background with the XYZ color 15.1450, 16.8305, 21.5192.



This preview shows how white text looks on a background with the XYZ color 15.1450, 16.8305,

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

15.1450, 16.8305, 21.5192

Protanopia

16.3574, 16.7928, 20.7916

Deuteranopia

17.1318, 16.8426, 21.7500



Tritanopia

15.2728, 16.8816, 22.1922

Trichromacy



Original Color

15.1450, 16.8305, 21.5192

Protanomaly

15.8991, 16.7159, 21.1274

Deuteranomaly

16.2889, 16.7357, 21.7738

Tritanomaly

15.2086, 16.8559, 21.8540

Monochromacy



Original Color

15.1450, 16.8305, 21.5192

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.2331, 16.4214, 18.8898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.1450, 16.8305, 21.5192 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(99, 117, 124) looks like.

```
.text, #text, p{  
    color:rgb(99, 117, 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(99, 117, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 117, 124) }
```

Border

The CSS property to change the border of an element to XYZ 15.1450, 16.8305, 21.5192 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(99, 117, 124) }
```


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

```
.border{ border-color:rgb(99, 117, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 117, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 117, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 117, 124);  
box-shadow:4px 4px 4px 4px rgb(99, 117,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 15.1450, 16.8305, 21.5192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 117, 124) }
```

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

```
.background{ background-color: rgb(99, 117,  
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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