

Converting Colors

XYZ(15.8674, 16.4689, 20.9757)

Have a look what the booklet for
XYZ(15.8674, 16.4689, 20.9757)
contains.

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Color

**XYZ(15.9107, 16.5553,
21.0958)**

Conversions

Conversions Part 1

Format	Color
Hex	6E717B
RGB	110, 113, 123
RGB Percent	43%, 44%, 48%
CMY	0.5686, 0.5569, 0.5176
CMYK	0.11, 0.08, 0.00, 0.52
HSL	226°, 6%, 46%
HSV	226°, 11%, 48%
XYZ	15.9107, 16.5553, 21.0958
YIQ	113.2430, -4.9980, 2.4740

Conversions

Conversions Part 2

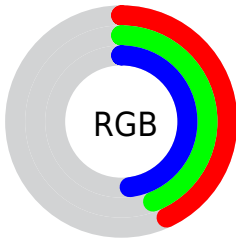
Format	Color
R_{YB}	110, 112, 123
Decimal	7238011
CIE Lab	47.69, 1.02, -5.91
CIE LCh	48, 5.997, 279.756
Yxy	16.5553, 0.2971, 0.3091
Android (android.graphics.Color)	4285428091 (0xFF6E717B)
YUV	113.2430, 4.8102, -2.8441
Hunter-Lab	40.6882, -1.4038, -2.2586

Details

The XYZ color **15.9107, 16.5553, 21.0958** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.6994, 18.7697, 17.4423**, and the grayscale version is **15.7558, 16.5763, 18.0516**.

A 20% lighter version of the original color is **36.0933, 37.6868, 45.9294**, and **5.1129, 5.2991, 7.2319** is the 20% darker color. If you saturate the color by 10%, you get **13.4844, 13.8189, 20.6958**, and if you desaturate by 10%, it is **18.6605, 19.6227, 21.5432**.

Distribution



Red (43%)

Green (44%)

Blue (48%)



Red (43%)

Yellow (44%)

Blue (48%)

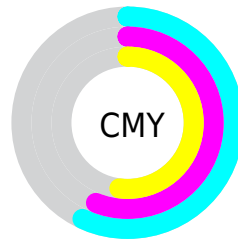


Cyan (11%)

Magenta (8%)

Yellow (0%)

Black (52%)



Cyan (57%)

Magenta (56%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.9107, 16.5553, 21.0958 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 15.9107, 16.5553, 21.0958 by changing the saturation by 10% instead.

■ 15.9107, 16.5553,
21.0958

■ 15.9107, 16.5553,
21.0958

222.0950,
232.5965, 270.5849

■ 9.5514, 9.9179,
13.0021

■ 36.0018, 37.5596,
46.1298

■ 5.1625, 5.3446,
7.2993

■ 50.4644, 52.6953,
63.9072

■ 2.3787, 2.4508,
3.5687

■ 68.3587, 71.4326,
85.7495

■ 0.8345, 0.8519,
1.3918

■ 90.0502, 94.1559,
112.0754

■ 0.0000, 0.0000,
0.1353

115.9042,
121.2495, 143.3033

■ 0.0000, 0.0000,
0.0000

146.2861,

153.0979, 179.8519

181.5613,
190.0854, 222.1396

■ 15.9107, 16.5553,
21.0958

■ 15.9107, 16.5553,
21.0958

■ 13.4844, 13.8189,
20.6958

■ 18.6605, 19.6227,
21.5432

■ 11.3680, 11.4002,
20.3405

■ 21.7437, 23.0297,
22.0383

■ 9.5493, 9.2881,
20.0286

■ 25.1717, 26.7870,
22.5829

■ 8.0145, 7.4700,
19.7586

■ 28.9548, 30.9046,
23.1782

■ 6.7487, 5.9323,
19.5285

■ 33.1028, 35.3916,
23.8257

■ 5.7357, 4.6605,
19.3364

■ 37.6255, 40.2571,
24.5265

■ 4.9573, 3.6386,
19.1802

■ 42.5318, 45.5098,
25.2817

■ 4.3929, 2.8486,
19.0574

■ 47.8306, 51.1580,
26.0927

■ 4.0000, 2.2796,
18.9683

■ 53.5306, 57.2100,
26.9604

Harmonies

Analogous

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



15.3812, 16.5553, 20.9410



15.9107, 16.5553, 21.0958



16.4040, 16.5553, 20.3929

Triad

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



15.9107, 16.5553, 21.0958



16.5414, 16.5553, 16.2025



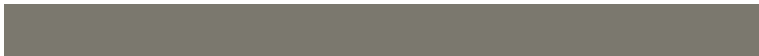
14.7875, 16.5553, 17.0233

Complementary

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



15.9107, 16.5553, 21.0958



17.6994, 18.7697, 17.4423

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.



15.0850, 16.5553, 15.8496



15.9107, 16.5553, 21.0958



16.0948, 16.5553, 15.3947

Square

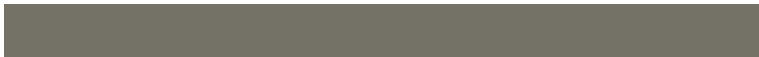
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15.9107, 16.5553, 21.0958



16.7736, 16.5553, 17.5301



15.5612, 16.5553, 15.2693



14.7408, 16.5553, 18.5310

Rectangle

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



15.9107, 16.5553, 21.0958



16.6430, 16.5553, 19.5546



15.5612, 16.5553, 15.2693



14.8612, 16.5553, 16.5790

Sweetspot

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



15.9112, 16.5560, 21.0962



32.1271, 33.7066, 38.3694



16.9018, 18.8365, 20.5040



7.4797, 7.8420, 9.0225



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.



15.9112, 16.5560, 21.0962



27.2404, 28.2409, 37.5719



16.0217, 16.1240, 21.0070



3.8658, 4.0299, 5.0173



4.1341, 2.3507, 19.6211



19.1696, 10.1118, 93.4112

Inverse Universe

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



16.7253, 16.5555, 17.9376



29.0504, 28.2601, 30.5451



17.5789, 19.2518, 17.5417



4.0327, 4.0288, 4.3700



8.6700, 4.4442, 1.5534



41.0791, 21.0880, 5.9464

Previews

White Background



This preview shows how the XYZ color 15.9107, 16.5553, 21.0958 looks on a white background.

Color Contrast Check

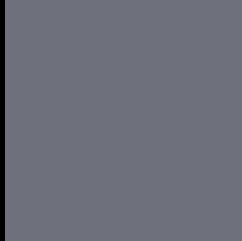
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9107, 16.5553, 21.0958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

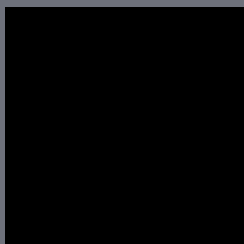
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

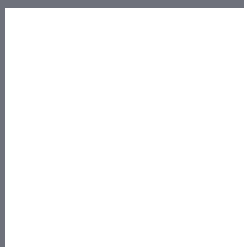
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.9107, 16.5553, 21.0958

Background



This preview shows how black text looks on a background with the XYZ color 15.9107, 16.5553, 21.0958.



This preview shows how white text looks on a background with the XYZ color 15.9107, 16.5553,

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

15.9107, 16.5553, 21.0958

Protanopia

16.0514, 16.4631, 21.0706

Deuteranopia

16.8218, 16.5290, 21.3726



Tritanopia

15.8484, 16.5304, 20.7677

Trichromacy



Original Color

15.9107, 16.5553, 21.0958

Protanomaly

15.9249, 16.3979, 21.0647

Deuteranomaly

16.5250, 16.5371, 21.3898

Tritanomaly

15.8484, 16.5304, 20.7677

Monochromacy



Original Color

15.9107, 16.5553, 21.0958

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.7981, 16.5394, 19.1894

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.9107, 16.5553, 21.0958 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(110, 113, 123) looks like.

```
.text, #text, p{  
    color:rgb(110, 113, 123)  
}
```

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(110, 113, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 113, 123) }
```

Border

The CSS property to change the border of an element to XYZ 15.9107, 16.5553, 21.0958 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(110, 113, 123) }
```


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

```
.border{ border-color:rgb(110, 113, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 113, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 113, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 113, 123);  
box-shadow:4px 4px 4px 4px rgb(110, 113,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 15.9107, 16.5553, 21.0958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 113, 123) }
```

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

```
.background{ background-color: rgb(110,  
113, 123) }
```

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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