

Converting Colors

XYZ(15.8774, 16.5191, 20.8942)

Have a look what the booklet for
XYZ(15.8774, 16.5191, 20.8942)
contains.

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Color

**XYZ(15.8484, 16.5304,
20.7677)**

Conversions

Conversions Part 1

Format	Color
Hex	6E717A
RGB	110, 113, 122
RGB Percent	43%, 44%, 48%
CMY	0.5686, 0.5569, 0.5216
CMYK	0.10, 0.07, 0.00, 0.52
HSL	225°, 5%, 45%
HSV	225°, 10%, 48%
XYZ	15.8484, 16.5304, 20.7677
YIQ	113.1290, -4.6770, 2.1630

Conversions

Conversions Part 2

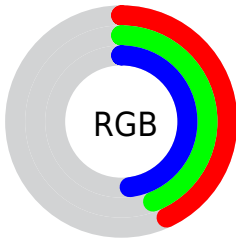
Format	Color
R_{YB}	110, 112, 122
Decimal	7238010
CIE Lab	47.66, 0.79, -5.36
CIE LCh	48, 5.421, 278.421
Yxy	16.5304, 0.2982, 0.3110
Android (android.graphics.Color)	4285428090 (0xFF6E717A)
YUV	113.1290, 4.3734, -2.7441
Hunter-Lab	40.6576, -1.5712, -1.8247

Details

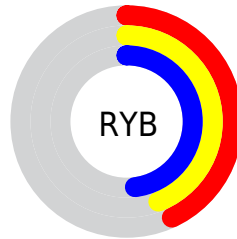
The XYZ color **15.8484, 16.5304, 20.7677** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.4374, 18.4569, 17.3957**, and the grayscale version is **15.7231, 16.5420, 18.0142**.

A 20% lighter version of the original color is **35.9954, 37.6476, 45.4140**, and **5.0795, 5.2858, 7.0559** is the 20% darker color. If you saturate the color by 10%, you get **13.4641, 13.8621, 20.3786**, and if you desaturate by 10%, it is **18.5456, 19.5137, 21.2016**.

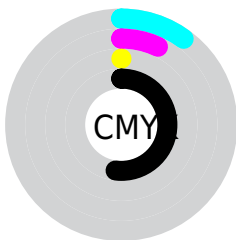
Distribution



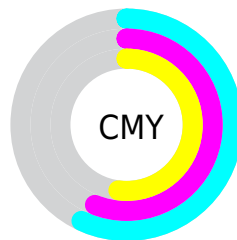
- Red (43%)
- Green (44%)
- Blue (48%)



- Red (43%)
- Yellow (44%)
- Blue (48%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (52%)



- Cyan (57%)
- Magenta (56%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.8484, 16.5304, 20.7677 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 15.8484, 16.5304, 20.7677 by changing the saturation by 10% instead.

■ 15.8484, 16.5304,
20.7677

■ 15.8484, 16.5304,
20.7677

221.7335,
232.4515, 268.7817

■ 9.5071, 9.9003,
12.7647

■ 35.8944, 37.5166,
45.5764

■ 5.1331, 5.3329,
7.1379

■ 50.3298, 52.6414,
63.2191

■ 2.3612, 2.4439,
3.4687

■ 68.1940, 71.3666,
84.9122

■ 0.8257, 0.8483,
1.3387

■ 89.8522, 94.0765,
111.0742

■ 0.0000, 0.0000,
0.0932

115.6700,
121.1556, 142.1236

■ 0.0000, 0.0000,
0.0000

146.0125,

152.9881, 178.4790

181.2453,
189.9586, 220.5588

■ 15.8484, 16.5304,
20.7677

■ 15.8484, 16.5304,
20.7677

■ 13.4641, 13.8621,
20.3786

■ 18.5456, 19.5137,
21.2016

■ 11.3798, 11.4962,
20.0318

■ 21.5651, 22.8197,
21.6806

■ 9.5836, 9.4225,
19.7262

■ 24.9178, 26.4588,
22.2063

■ 8.0625, 7.6291,
19.4602

■ 28.6137, 30.4399,
22.7800

■ 6.8023, 6.1035,
19.2322

■ 32.6621, 34.7718,
23.4027

■ 5.7874, 4.8323,
19.0403

■ 37.0722, 39.4630,
24.0758

■ 5.0008, 3.8004,
18.8826

■ 41.8528, 44.5215,
24.8002

■ 4.4228, 2.9914,
18.7569

■ 47.0124, 49.9553,
25.5771

■ 3.9967, 2.3691,
18.6592

■ 52.5591, 55.7719,
26.4075

Harmonies

Analogous

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



15.3717, 16.5304, 20.5942



15.8484, 16.5304, 20.7677



16.2974, 16.5304, 20.1699

Triad

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



15.8484, 16.5304, 20.7677



16.4525, 16.5304, 16.3920



14.8616, 16.5304, 17.0357

Complementary

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



15.8484, 16.5304, 20.7677



17.4374, 18.4569, 17.3957

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.



15.1401, 16.5304, 15.9893



15.8484, 16.5304, 20.7677



16.0566, 16.5304, 15.6312

Square

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



15.8484, 16.5304, 20.7677



16.6509, 16.5304, 17.6111



15.5757, 16.5304, 15.4876



14.8084, 16.5304, 18.3921

Rectangle

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



15.8484, 16.5304, 20.7677



16.5183, 16.5304, 19.4317



15.5757, 16.5304, 15.4876



14.9317, 16.5304, 16.6381

Sweetspot

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



15.8489, 16.5311, 20.7681



31.0300, 32.5702, 37.0441



16.7080, 18.5614, 20.0922



7.0162, 7.3601, 8.4575



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.



15.8489, 16.5311, 20.7681



26.8031, 27.8803, 36.3617



15.8734, 16.0548, 20.6748



3.8716, 4.0415, 5.0192



4.1951, 2.4727, 19.6415



19.4278, 10.6281, 93.4973

Inverse Universe

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



16.5830, 16.4821, 17.9309



28.3958, 27.7913, 30.2026



17.4095, 18.9812, 17.4984



4.0356, 4.0300, 4.3853



8.7008, 4.4565, 1.7156



41.2094, 21.1401, 6.6326

Previews

White Background



This preview shows how the XYZ color 15.8484, 16.5304, 20.7677 looks on a white background.

Color Contrast Check

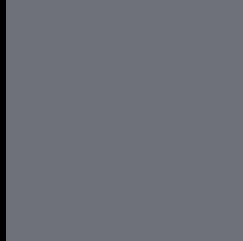
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.8484, 16.5304, 20.7677 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

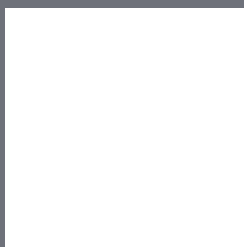
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.8484, 16.5304, 20.7677

Background



This preview shows how black text looks on a background with the XYZ color 15.8484, 16.5304, 20.7677.



This preview shows how white text looks on a background with the XYZ color 15.8484, 16.5304,

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

15.8484, 16.5304, 20.7677

Protanopia

16.1171, 16.5042, 20.7485

Deuteranopia

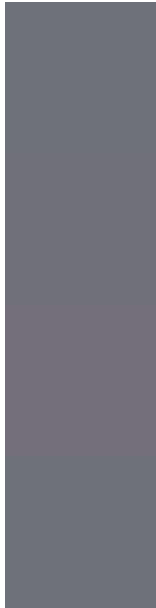
16.8968, 16.5750, 21.0476



Tritanopia

15.8484, 16.5304, 20.7677

Trichromacy



Original Color

15.8484, 16.5304, 20.7677

Protanomaly

15.9891, 16.4382, 20.7425

Deuteranomaly

16.4620, 16.5119, 21.0584

Tritanomaly

15.8484, 16.5304, 20.7677

Monochromacy



Original Color

15.8484, 16.5304, 20.7677

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.7396, 16.5160, 18.8813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.8484, 16.5304, 20.7677 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, 122)` looks like.

```
.text, #text, p{  
    color:rgb(110, 113, 122)  
}
```

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, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 113, 122) }
```

Border

The CSS property to change the border of an element to XYZ 15.8484, 16.5304, 20.7677 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, 122) }
```


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

```
.border{ border-color:rgb(110, 113, 122) }
```

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, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 113, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 113, 122);  
box-shadow:4px 4px 4px 4px rgb(110, 113,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 15.8484, 16.5304, 20.7677 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, 122) }
```

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

```
.background{ background-color: rgb(110,  
113, 122) }
```

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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