

Converting Colors

XYZ(15.2231, 16.1332, 20.3958)

Have a look what the booklet for
XYZ(15.2231, 16.1332, 20.3958)
contains.

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Color

**XYZ(15.3002, 16.2549,
20.4203)**

Conversions

Conversions Part 1

Format	Color
Hex	6A7179
RGB	106, 113, 121
RGB Percent	42%, 44%, 47%
CMY	0.5843, 0.5569, 0.5255
CMYK	0.12, 0.07, 0.00, 0.53
HSL	212°, 7%, 45%
HSV	212°, 12%, 47%
XYZ	15.3002, 16.2549, 20.4203
YIQ	111.8190, -6.7400, 1.0040

Conversions

Conversions Part 2

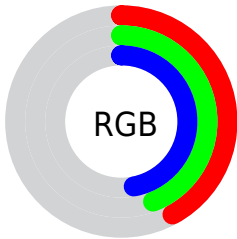
Format	Color
R_{YB}	106, 111, 121
Decimal	6975865
CIE Lab	47.31, -0.88, -5.33
CIE LCh	47, 5.403, 260.587
Yxy	16.2549, 0.2944, 0.3127
Android (android.graphics.Color)	4285165945 (0xFF6A7179)
YUV	111.8190, 4.5262, -5.1033
Hunter-Lab	40.3174, -2.8157, -1.8076

Details

The XYZ color **15.3002, 16.2549, 20.4203** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **16.5042, 17.1402, 16.0746**, and the grayscale version is **15.3370, 16.1358, 17.5718**.

A 20% lighter version of the original color is **34.9026, 37.0955, 44.8557**, and **4.8965, 5.1914, 7.0473** is the 20% darker color. If you saturate the color by 10%, you get **13.2682, 14.1768, 20.1265**, and if you desaturate by 10%, it is **17.5873, 18.5413, 20.7413**.

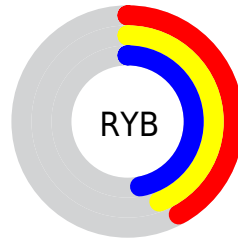
Distribution



Red (42%)

Green (44%)

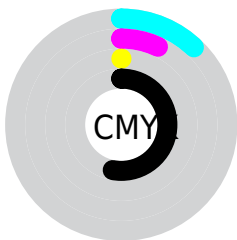
Blue (47%)



Red (42%)

Yellow (44%)

Blue (47%)

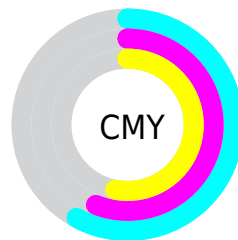


Cyan (12%)

Magenta (7%)

Yellow (0%)

Black (53%)



Cyan (58%)

Magenta (56%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3002, 16.2549, 20.4203 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 15.3002, 16.2549, 20.4203 by changing the saturation by 10% instead.

■ 15.3002, 16.2549,
20.4203

■ 15.3002, 16.2549,
20.4203

218.5287,
230.8412, 266.8605

■ 9.1180, 9.7047,
12.5138

■ 34.9463, 37.0402,
44.9889

■ 4.8760, 5.2036,
6.9679

■ 49.1410, 52.0440,
62.4882

■ 2.2087, 2.3672,
3.3639

■ 66.7372, 70.6345,
84.0221

■ 0.7473, 0.8089,
1.2833

■ 88.1002, 93.1961,
110.0092

■ 0.0000, 0.0000,
0.0480

113.5956,
120.1132, 140.8680

■ 0.0000, 0.0000,
0.0000

143.5885,

151.7701, 177.0172

178.4444,
188.5513, 218.8752

■ 15.3002, 16.2549,
20.4203

■ 15.3002, 16.2549,
20.4203

■ 13.2682, 14.1768,
20.1265

■ 17.5873, 18.5413,
20.7413

■ 11.4802, 12.2986,
19.8582

■ 20.1371, 21.0402,
21.0893

■ 9.9268, 10.6141,
19.6150

■ 22.9585, 23.7581,
21.4652

■ 8.5970, 9.1159,
19.3959

■ 26.0596, 26.7007,
21.8697

■ 7.4789, 7.7963,
19.2001

■ 29.4483, 29.8733,
22.3035

■ 6.5595, 6.6467,
19.0267

■ 33.1320, 33.2812,
22.7671

■ 5.8242, 5.6578,
18.8745

■ 37.1178, 36.9294,
23.2612

■ 5.2558, 4.8186,
18.7425

■ 41.4127, 40.8228,
23.7863

■ 4.8887, 4.2555,
18.6532

■ 46.0235, 44.9660,
24.3431

Harmonies

Analogous

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



14.8744, 16.2549, 19.8080



15.3002, 16.2549, 20.4203



15.7747, 16.2549, 20.2749

Triad

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



15.3002, 16.2549, 20.4203



16.3249, 16.2549, 16.7906



14.7516, 16.2549, 16.0821

Complementary

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



15.3002, 16.2549, 20.4203



16.5042, 17.1402, 16.0746

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.



15.1293, 16.2549, 15.3507



15.3002, 16.2549, 20.4203



16.0398, 16.2549, 15.7450

Square

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



15.3002, 16.2549, 20.4203



16.3729, 16.2549, 18.1321



15.6004, 16.2549, 15.2306



14.5620, 16.2549, 17.2725

Rectangle

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



15.3002, 16.2549, 20.4203



16.0546, 16.2549, 19.7707



15.6004, 16.2549, 15.2306



14.8604, 16.2549, 15.7770

Sweetspot

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



15.3007, 16.2556, 20.4207



30.7633, 32.4781, 37.0404



15.8046, 17.9485, 18.4768



6.9722, 7.3647, 8.4607



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.



15.3007, 16.2556, 20.4207



26.2681, 27.9620, 36.4056



14.5792, 14.7684, 20.1716



3.9375, 4.1733, 5.0412



5.2278, 4.5381, 19.9857



24.1010, 19.9746, 95.0550

Inverse Universe

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



16.0202, 15.5657, 17.7837



27.8446, 26.4944, 30.6184



17.2894, 18.7626, 16.3463



4.0689, 4.0433, 4.5605



9.2221, 4.6650, 4.4604



43.5682, 22.0836, 19.0541

Previews

White Background



This preview shows how the XYZ color 15.3002, 16.2549, 20.4203 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 15.3002, 16.2549, 20.4203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

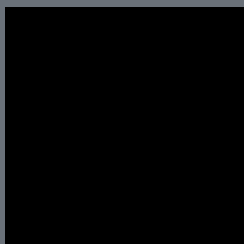
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

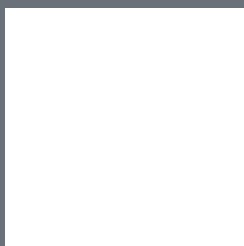
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3002, 16.2549, 20.4203

Background



This preview shows how black text looks on a background with the XYZ color 15.3002, 16.2549, 20.4203.



This preview shows how white text looks on a background with the XYZ color 15.3002, 16.2549,

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

15.3002, 16.2549, 20.4203

Protanopia

15.7567, 16.1697, 20.0599

Deuteranopia

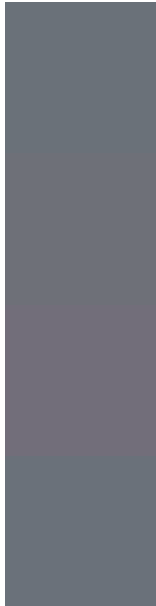
16.4527, 16.1940, 20.6710



Tritanopia

15.3618, 16.2796, 20.7450

Trichromacy



Original Color

15.3002, 16.2549, 20.4203

Protanomaly

15.6147, 16.2594, 20.0847

Deuteranomaly

16.0282, 16.1344, 20.6818

Tritanomaly

15.3618, 16.2796, 20.7450

Monochromacy



Original Color

15.3002, 16.2549, 20.4203

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

15.3191, 16.1411, 18.5278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3002, 16.2549, 20.4203 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(106, 113, 121)` looks like.

```
.text, #text, p{  
    color:rgb(106, 113, 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(106, 113, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 113, 121) }
```

Border

The CSS property to change the border of an element to XYZ 15.3002, 16.2549, 20.4203 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(106, 113, 121) }
```


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

```
.border{ border-color:rgb(106, 113, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 113, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 113, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 113, 121);  
box-shadow:4px 4px 4px 4px rgb(106, 113,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3002, 16.2549, 20.4203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 113, 121) }
```

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

```
.background{ background-color: rgb(106,  
113, 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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