

Converting Colors

XYZ(15.5825, 16.7945, 19.3097)

Have a look what the booklet for
XYZ(15.5825, 16.7945, 19.3097)
contains.

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Color

**XYZ(15.5260, 16.7340,
19.2413)**

Conversions

Conversions Part 1

Format	Color
Hex	6C7375
RGB	108, 115, 117
RGB Percent	42%, 45%, 46%
CMY	0.5765, 0.5490, 0.5412
CMYK	0.08, 0.02, 0.00, 0.54
HSL	193°, 4%, 44%
HSV	193°, 8%, 46%
XYZ	15.5260, 16.7340, 19.2413
YIQ	113.1350, -4.8140, -0.8620

Conversions

Conversions Part 2

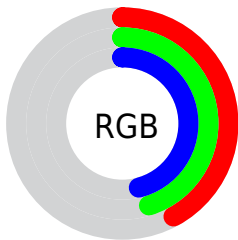
Format	Color
R_{YB}	108, 112, 117
Decimal	7107445
CIE _{Lab}	47.92, -2.21, -2.02
CIE _{LCh}	48, 2.993, 222.479
Yxy	16.7340, 0.3015, 0.3249
Android (android.graphics.Color)	4285297525 (0xFF6C7375)
YUV	113.1350, 1.9054, -4.5034
Hunter-Lab	40.9072, -3.8394, 0.7471

Details

The XYZ color **15.5260, 16.7340, 19.2413** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.6189, 16.0164, 16.4560**, and the grayscale version is **15.7321, 16.5513, 18.0244**.

A 20% lighter version of the original color is **35.2782, 37.8729, 42.9870**, and **5.0058, 5.4361, 6.4157** is the 20% darker color. If you saturate the color by 10%, you get **13.9055, 15.4655, 19.0821**, and if you desaturate by 10%, it is **17.3468, 18.1191, 19.4129**.

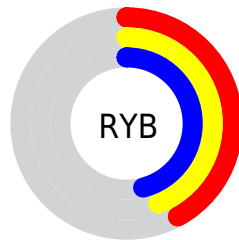
Distribution



Red (42%)

Green (45%)

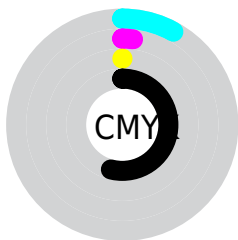
Blue (46%)



Red (42%)

Yellow (44%)

Blue (46%)

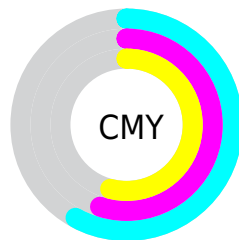


Cyan (8%)

Magenta (2%)

Yellow (0%)

Black (54%)



Cyan (58%)

Magenta (55%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.5260, 16.7340, 19.2413 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 15.5260, 16.7340, 19.2413 by changing the saturation by 10% instead.

■ 15.5260, 16.7340,
19.2413

■ 15.5260, 16.7340,
19.2413

219.8541,
233.6348, 260.2446

■ 9.2781, 10.0450,
11.6662

■ 35.3375, 37.8679,
42.9836

■ 4.9816, 5.4288,
6.3970

■ 49.6317, 53.0815,
59.9878

■ 2.2711, 2.5010,
3.0153

■ 67.3388, 71.9056,
80.9721

■ 0.7798, 0.8771,
1.1025

■ 88.8241, 94.7243,
106.3552

■ 0.0000, 0.0000,
0.0000

114.4529,
121.9222, 136.5554

144.5906,

153.8837, 171.9913

179.6025,
190.9931, 213.0816

■ 15.5260, 16.7340,
19.2413

■ 15.5260, 16.7340,
19.2413

■ 13.9055, 15.4655,
19.0821

■ 17.3468, 18.1191,
19.4129

■ 12.4763, 14.3075,
18.9339

■ 19.3736, 19.6224,
19.5963

■ 11.2307, 13.2562,
18.7967

■ 21.6138, 21.2483,
19.7920

■ 10.1600, 12.3073,
18.6699

■ 24.0739, 23.0003,
20.0005

■ 9.2547, 11.4556,
18.5533

■ 26.7601, 24.8816,
20.2221

8.5044, 10.6957,
18.4461

29.6784, 26.8954,
20.4570

7.8976, 10.0215,
18.3480

32.8346, 29.0448,
20.7055

7.4208, 9.4260,
18.2582

36.2341, 31.3328,
20.9680

7.0395, 8.8912,
18.1750

39.8824, 33.7621,
21.2446

Harmonies

Analogous

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



15.4045, 16.7340, 18.5431



15.5260, 16.7340, 19.2413



15.7497, 16.7340, 19.6728

Triad

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



15.5260, 16.7340, 19.2413



16.4045, 16.7340, 18.6710



15.7934, 16.7340, 16.8094

Complementary

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



15.5260, 16.7340, 19.2413



15.6189, 16.0164, 16.4560

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.



16.0617, 16.7340, 16.8415



15.5260, 16.7340, 19.2413



16.4166, 16.7340, 17.9016

Square

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



15.5260, 16.7340, 19.2413



16.2577, 16.7340, 19.3372



16.2905, 16.7340, 17.2364



15.5577, 16.7340, 17.1476

Rectangle

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



15.5260, 16.7340, 19.2413



15.9276, 16.7340, 19.7439



16.2905, 16.7340, 17.2364



15.8828, 16.7340, 16.7775

Sweetspot

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



15.5265, 16.7347, 19.2417



29.5968, 31.3389, 34.6261



15.3577, 17.0357, 17.2167



6.8168, 7.2144, 7.9622



57.3938, 60.3827, 65.7568



6.9614, 7.3239, 7.9757

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.5265, 16.7347, 19.2417



27.3329, 29.6032, 34.4104



15.0310, 15.7438, 19.0765



3.7177, 4.0240, 4.6710



7.6503, 9.6402, 20.0001



36.6249, 45.6663, 97.2444

Inverse Universe

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



15.7936, 15.7452, 18.4272



27.9033, 27.5044, 32.6683



16.1114, 17.0013, 16.6201



3.7935, 3.7447, 4.4394



10.1586, 4.9972, 11.3095



49.1733, 24.2194, 53.3693

Previews

White Background



This preview shows how the XYZ color 15.5260, 16.7340, 19.2413 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 15.5260, 16.7340, 19.2413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

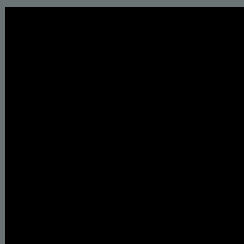
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

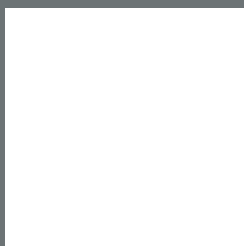
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.5260, 16.7340, 19.2413

Background



This preview shows how black text looks on a background with the XYZ color 15.5260, 16.7340, 19.2413.



This preview shows how white text looks on a background with the XYZ color 15.5260, 16.7340,

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

15.5260, 16.7340, 19.2413

Protanopia

16.1277, 16.7160, 18.8995

Deuteranopia

17.0143, 16.6708, 19.4606



Tritanopia

15.8991, 16.7159, 21.1274

Trichromacy



Original Color

15.5260, 16.7340, 19.2413

Protanomaly

15.8518, 16.7403, 18.9187

Deuteranomaly

16.5354, 16.7479, 19.5007

Tritanomaly

15.7752, 16.6663, 20.4746

Monochromacy



Original Color

15.5260, 16.7340, 19.2413

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

15.6101, 16.6290, 18.3066

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.5260, 16.7340, 19.2413 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(108, 115, 117)` looks like.

```
.text, #text, p{  
    color:rgb(108, 115, 117)  
}
```

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(108, 115, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 115, 117) }
```

Border

The CSS property to change the border of an element to XYZ 15.5260, 16.7340, 19.2413 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(108, 115, 117) }
```


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

```
.border{ border-color:rgb(108, 115, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 115, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 115, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 115, 117);  
box-shadow:4px 4px 4px 4px rgb(108, 115,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 15.5260, 16.7340, 19.2413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 115, 117) }
```

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

```
.background{ background-color: rgb(108,  
115, 117) }
```

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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