

Converting Colors

XYZ(15.3389, 15.7461, 20.3787)

Have a look what the booklet for
XYZ(15.3389, 15.7461, 20.3787)
contains.

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Color

**XYZ(15.3338, 15.7835,
20.3275)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6E79
RGB	109, 110, 121
RGB Percent	43%, 43%, 47%
CMY	0.5725, 0.5686, 0.5255
CMYK	0.10, 0.09, 0.00, 0.53
HSL	235°, 5%, 45%
HSV	235°, 10%, 47%
XYZ	15.3338, 15.7835, 20.3275
YIQ	110.9550, -4.1270, 3.2090

Conversions

Conversions Part 2

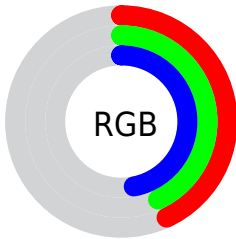
Format	Color
R_{YB}	109, 110, 121
Decimal	7171705
CIE Lab	46.69, 1.98, -6.22
CIE LCh	47, 6.529, 287.646
Yxy	15.7835, 0.2981, 0.3068
Android (android.graphics.Color)	4285361785 (0xFF6D6E79)
YUV	110.9550, 4.9522, -1.7145
Hunter-Lab	39.7285, -0.6300, -2.5265

Details

The XYZ color **15.3338, 15.7835, 20.3275** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.3621, 18.6020, 17.1439**, and the grayscale version is **15.0837, 15.8692, 17.2816**.

A 20% lighter version of the original color is **35.1611, 36.4349, 44.7146**, and **4.9046, 5.0282, 7.0154** is the 20% darker color. If you saturate the color by 10%, you get **12.8240, 12.8234, 19.8887**, and if you desaturate by 10%, it is **18.1993, 19.1501, 20.8265**.

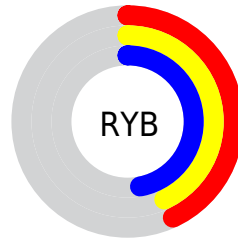
Distribution



Red (43%)

Green (43%)

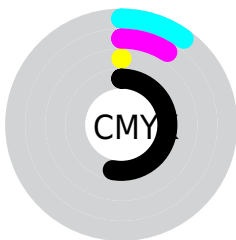
Blue (47%)



Red (43%)

Yellow (43%)

Blue (47%)

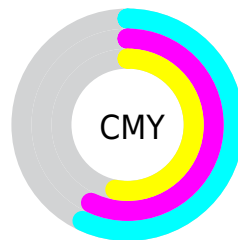


Cyan (10%)

Magenta (9%)

Yellow (0%)

Black (53%)



Cyan (57%)

Magenta (57%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 15.3338, 15.7835, 20.3275 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 15.3338, 15.7835, 20.3275 by changing the saturation by 10% instead.

■ 15.3338, 15.7835,
20.3275

■ 15.3338, 15.7835,
20.3275

218.7264,
228.0608, 266.3452

■ 9.1418, 9.3711,
12.4469

■ 35.0046, 36.2219,
44.8317

■ 4.8917, 4.9840,
6.9226

■ 49.2141, 51.0168,
62.2925

■ 2.2179, 2.2379,
3.3360

■ 66.8268, 69.3745,
83.7836

■ 0.7522, 0.7405,
1.2687

■ 88.2082, 91.6795,
109.7238

■ 0.0000, 0.0000,
0.0359

113.7234,
118.3163, 140.5315

■ 0.0000, 0.0000,
0.0000

143.7380,

149.6692, 176.6253

178.6172,
186.1225, 218.4237

■ 15.3338, 15.7835,
20.3275

■ 15.3338, 15.7835,
20.3275

■ 12.8240, 12.8234,
19.8887

■ 18.1993, 19.1501,
20.8265

■ 10.6546, 10.2526,
19.5068

■ 21.4322, 22.9359,
21.3869

■ 8.8113, 8.0554,
19.1798

■ 25.0452, 27.1551,
22.0108

■ 7.2785, 6.2144,
18.9053

■ 29.0503, 31.8210,
22.7003

■ 6.0388, 4.7108,
18.6804

■ 33.4588, 36.9461,
23.4572

■ 5.0735, 3.5241,
18.5022

■ 38.2814, 42.5426,
24.2833

■ 4.3616, 2.6313,
18.3674

■ 43.5287, 48.6220,
25.1802

■ 3.8790, 2.0067,
18.2723

■ 49.2107, 55.1957,
26.1496

■ 3.5631, 1.6023,
18.2109

■ 55.3372, 62.2744,
27.1930

Harmonies

Analogous

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



14.7703, 15.7835, 20.4108



15.3338, 15.7835, 20.3275



15.8198, 15.7835, 19.3703

Triad

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



15.3338, 15.7835, 20.3275



15.7464, 15.7835, 14.9853



13.9644, 15.7835, 16.5278

Complementary

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



15.3338, 15.7835, 20.3275



17.3621, 18.6020, 17.1439

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.



14.2124, 15.7835, 15.1716



15.3338, 15.7835, 20.3275



15.2356, 15.7835, 14.3193

Square

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



15.3338, 15.7835, 20.3275



16.0621, 15.7835, 16.2587



14.6745, 15.7835, 14.3853



13.9891, 15.7835, 18.1470

Rectangle

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



15.3338, 15.7835, 20.3275



16.0301, 15.7835, 18.3975



14.6745, 15.7835, 14.3853



14.0183, 15.7835, 16.0281

Sweetspot

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



15.3343, 15.7842, 20.3278



30.8993, 32.3088, 37.0006



16.5224, 18.2775, 20.3631



6.9796, 7.2870, 8.4453



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.



15.3343, 15.7842, 20.3278



26.3313, 26.9366, 36.2044



15.8336, 15.8822, 20.3204



3.8220, 3.9424, 5.0027



3.8116, 1.7057, 19.5136



17.9114, 7.5954, 92.9918

Inverse Universe

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



16.1687, 16.1284, 17.0134



28.1576, 27.6961, 28.9484



16.8271, 18.5059, 17.1535



4.0106, 4.0200, 4.2536



8.5073, 4.3791, 0.6962



40.4440, 20.8339, 2.6021

Previews

White Background



This preview shows how the XYZ color 15.3338, 15.7835, 20.3275 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 15.3338, 15.7835, 20.3275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

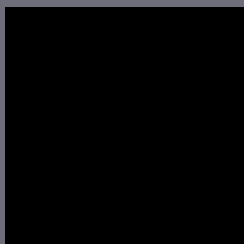
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

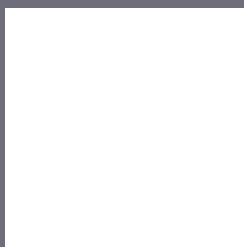
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 15.3338, 15.7835, 20.3275

Background



This preview shows how black text looks on a background with the XYZ color 15.3338, 15.7835, 20.3275.



This preview shows how white text looks on a background with the XYZ color 15.3338, 15.7835,

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

15.3338, 15.7835, 20.3275

Protanopia

15.4575, 15.8473, 20.3333

Deuteranopia

16.0162, 15.8186, 20.2983



Tritanopia

15.2124, 15.7350, 19.6881

Trichromacy



Original Color

15.3338, 15.7835, 20.3275

Protanomaly

15.4575, 15.8473, 20.3333

Deuteranomaly

15.7299, 15.8285, 20.3153

Tritanomaly

15.2728, 15.7591, 20.0062

Monochromacy



Original Color

15.3338, 15.7835, 20.3275

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

15.2094, 15.9217, 18.4912

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3338, 15.7835, 20.3275 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(109, 110, 121)` looks like.

```
.text, #text, p{  
    color:rgb(109, 110, 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(109, 110, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 110, 121) }
```

Border

The CSS property to change the border of an element to XYZ 15.3338, 15.7835, 20.3275 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(109, 110, 121) }
```


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

```
.border{ border-color:rgb(109, 110, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 110, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 110, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 110, 121);  
box-shadow:4px 4px 4px 4px rgb(109, 110,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3338, 15.7835, 20.3275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 110, 121) }
```

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

```
.background{ background-color: rgb(109,  
110, 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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