

Converting Colors

XYZ(11.6675, 13.2564, 18.9385)

Have a look what the booklet for
XYZ(11.6675, 13.2564, 18.9385)
contains.

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Color

**XYZ(11.7323, 13.3215,
19.0925)**

Conversions

Conversions Part 1	
Format	Color
Hex	506A76
RGB	80, 106, 118
RGB Percent	31%, 42%, 46%
CMY	0.6863, 0.5843, 0.5373
CMYK	0.32, 0.10, 0.00, 0.54
HSL	199°, 19%, 39%
HSV	199°, 32%, 46%
XYZ	11.7323, 13.3215, 19.0925
YIQ	99.5940, -19.3480, -1.7800

Conversions

Conversions Part 2

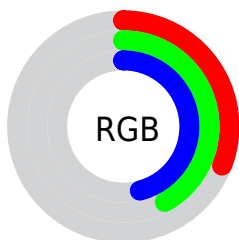
Format	Color
RYB	80, 95, 118
Decimal	5270134
CIELab	43.24, -6.41, -9.80
CIELCh	43, 11.708, 236.820
Yxy	13.3215, 0.2658, 0.3018
Android (android.graphics.Color)	4283460214 (0xFF506A76)
YUV	99.5940, 9.0742, -17.1839
Hunter-Lab	36.4986, -6.4947, -5.4657

Details

The XYZ color **11.7323, 13.3215, 19.0925** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.7466, 12.0852, 9.2506**, and the grayscale version is **11.9914, 12.6159, 13.7387**.

A 20% lighter version of the original color is **28.5186, 31.7620, 42.6578**, and **3.2967, 3.8935, 6.3721** is the 20% darker color. If you saturate the color by 10%, you get **10.4466, 12.1013, 18.9250**, and if you desaturate by 10%, it is **13.2106, 14.6664, 19.2744**.

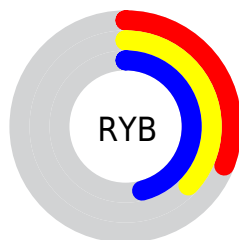
Distribution



Red (31%)

Green (42%)

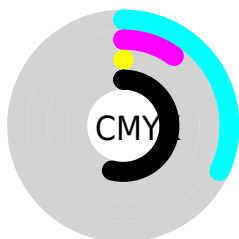
Blue (46%)



Red (31%)

Yellow (37%)

Blue (46%)

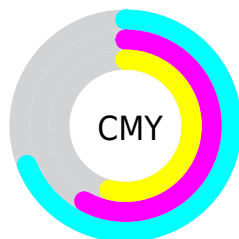


Cyan (32%)

Magenta (10%)

Yellow (0%)

Black (54%)



Cyan (69%)


Magenta (58%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 11.7323, 13.3215, 19.0925 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 11.7323, 13.3215, 19.0925 by changing the saturation by 10% instead.


 11.7323, 13.3215,
19.0925


 11.7323, 13.3215,
19.0925


196.4312,
212.9680, 259.3987


 6.6326, 7.6503,
11.5596


 28.6277, 31.8802,
42.7291


 3.2777, 3.8720,
6.3257


 41.1541, 45.5364,
59.6700


 1.3022, 1.6022,
2.9722

 56.8867, 62.6232,
80.5839

 0.1849, 0.3591,
1.0804

 76.1910, 83.5248,
105.8895

 0.0000, 0.0000,
0.0000

 99.4322, 108.6257,
136.0052

126.9757,

138.3103, 171.3496

159.1870,
172.9629, 212.3412

■ 11.7323, 13.3215,
19.0925

■ 11.7323, 13.3215,
19.0925

■ 10.4466, 12.1013,
18.9250

■ 13.2106, 14.6664,
19.2744

■ 9.3428, 10.9990,
18.7704

■ 14.8888, 16.1391,
19.4702

■ 8.4111, 10.0096,
18.6285

■ 16.7756, 17.7448,
19.6807

■ 7.6403, 9.1269,
18.4988

■ 18.8786, 19.4876,
19.9062

■ 7.0177, 8.3441,
18.3805

■ 21.2051, 21.3715,
20.1473

6.5281, 7.6531,
18.2729

23.7619, 23.4005,
20.4041

6.1932, 7.1543,
18.1943

26.5558, 25.5781,
20.6772

29.5929, 27.9080,
20.9669

32.8795, 30.3936,
21.2734

Harmonies

Analogous

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



11.1702, 13.3215, 16.8736



11.7323, 13.3215, 19.0925



12.5653, 13.3215, 20.0764

Triad

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



11.7323, 13.3215, 19.0925



14.4813, 13.3215, 14.7833



11.8921, 13.3215, 10.4935

Complementary

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



11.7323, 13.3215, 19.0925



12.7466, 12.0852, 9.2506

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.



12.7586, 13.3215, 10.0731



11.7323, 13.3215, 19.0925



14.2803, 13.3215, 12.3689

Square

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



11.7323, 13.3215, 19.0925



14.1759, 13.3215, 17.4093



13.6389, 13.3215, 10.7181



11.2593, 13.3215, 11.9429

Rectangle

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



11.7323, 13.3215, 19.0925



13.1723, 13.3215, 19.8221



13.6389, 13.3215, 10.7181



12.1644, 13.3215, 10.2353

Sweetspot

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



11.7327, 13.3220, 19.0928



26.7978, 28.9104, 34.3049



11.6926, 15.4249, 12.3496



6.0809, 6.5779, 7.8781



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.



11.7327, 13.3220, 19.0928



18.8444, 21.7382, 33.3397



10.0356, 9.9278, 18.5271



3.6904, 3.9695, 4.6619



6.6886, 7.7170, 19.6796



31.8005, 36.0176, 95.6363

Inverse Universe

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



12.9417, 10.6298, 15.0058



21.3944, 16.3847, 24.6470



14.5386, 15.6694, 9.8480



3.7798, 3.7392, 4.3670



9.6732, 4.8030, 8.7535



46.7382, 23.2454, 40.5461

Previews

White Background



This preview shows how the XYZ color 11.7323, 13.3215, 19.0925 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 11.7323, 13.3215, 19.0925 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

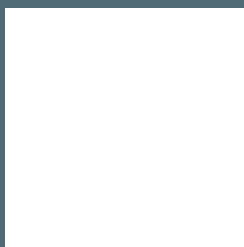
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 11.7323, 13.3215, 19.0925

Background



This preview shows how black text looks on a background with the XYZ color 11.7323, 13.3215, 19.0925.



This preview shows how white text looks on a background with the XYZ color 11.7323, 13.3215,

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

11.7323, 13.3215, 19.0925

Protanopia

13.0037, 13.2545, 18.0927

Deuteranopia

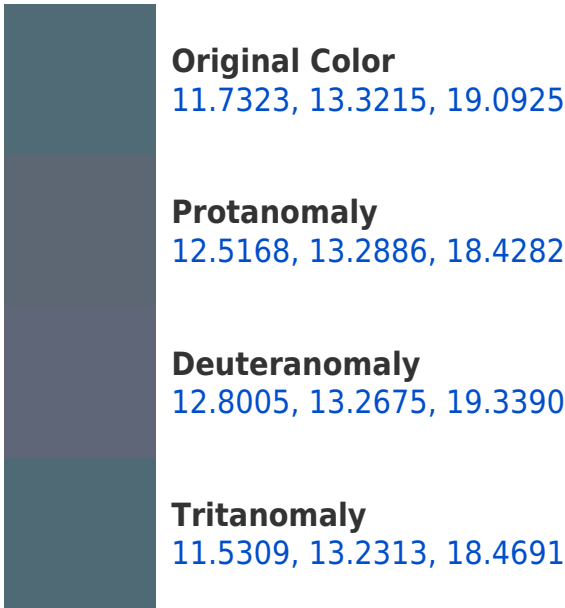
13.3851, 13.1392, 19.2834



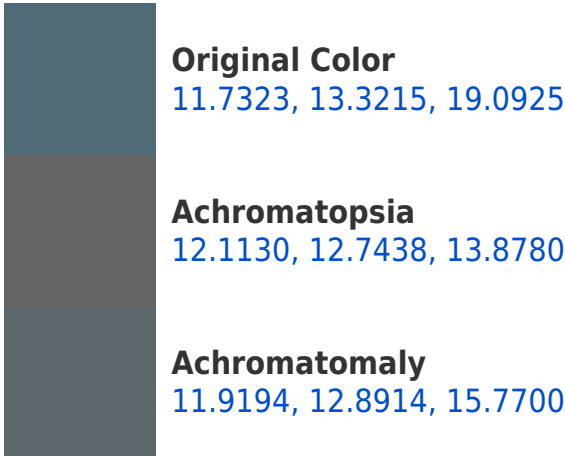
Tritanopia

11.4730, 13.2081, 18.1644

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 11.7323, 13.3215, 19.0925 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(80, 106, 118) looks like.

```
.text, #text, p{  
    color:rgb(80, 106, 118)  
}
```

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(80, 106, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 106, 118) }
```

Border

The CSS property to change the border of an element to XYZ 11.7323, 13.3215, 19.0925 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(80, 106, 118) }
```


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

```
.border{ border-color:rgb(80, 106, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 106, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 106, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 106, 118);  
box-shadow:4px 4px 4px 4px rgb(80, 106,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 11.7323, 13.3215, 19.0925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 106, 118) }
```

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

```
.background{ background-color: rgb(80, 106,  
118) }
```

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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