

Converting Colors

XYZ(10.6370, 11.9397, 18.5892)

Have a look what the booklet for
XYZ(10.6370, 11.9397, 18.5892)
contains.

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Color

**XYZ(10.5921, 11.8545,
18.5595)**

Conversions

Conversions Part 1

Format	Color
Hex	4A6475
RGB	74, 100, 117
RGB Percent	29%, 39%, 46%
CMY	0.7098, 0.6078, 0.5412
CMYK	0.37, 0.15, 0.00, 0.54
HSL	204°, 23%, 37%
HSV	204°, 37%, 46%
XYZ	10.5921, 11.8545, 18.5595
YIQ	94.1640, -20.9530, -0.2250

Conversions

Conversions Part 2

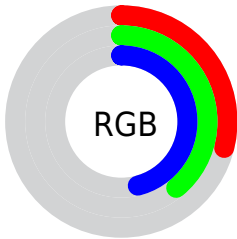
Format	Color
R_{YB}	74, 90, 117
Decimal	4875381
CIE _{Lab}	40.98, -5.01, -12.64
CIE _{LCh}	41, 13.599, 248.392
Y _{xy}	11.8545, 0.2583, 0.2891
Android (android.graphics.Color)	4283065461 (0xFF4A6475)
YUV	94.1640, 11.2581, -17.6838
Hunter-Lab	34.4304, -5.3397, -7.8587

Details

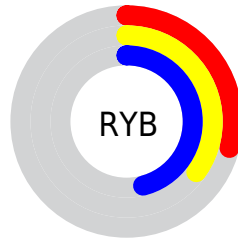
The XYZ color **10.5921, 11.8545, 18.5595** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.3135, 11.7588, 8.0997**, and the grayscale version is **10.6561, 11.2111, 12.2089**.

A 20% lighter version of the original color is **26.5402, 29.2829, 41.7895**, and **2.7733, 3.1955, 6.1008** is the 20% darker color. If you saturate the color by 10%, you get **9.3427, 10.5706, 18.3777**, and if you desaturate by 10%, it is **12.0350, 13.2761, 18.7580**.

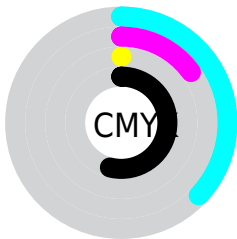
Distribution



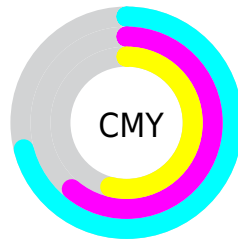
- Red (29%)
- Green (39%)
- Blue (46%)



- Red (29%)
- Yellow (35%)
- Blue (46%)



- Cyan (37%)
- Magenta (15%)
- Yellow (0%)
- Black (54%)



- Cyan (71%)
- Magenta (61%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.5921, 11.8545, 18.5595 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 10.5921, 11.8545, 18.5595 by changing the saturation by 10% instead.

■ 10.5921, 11.8545,
18.5595

■ 10.5921, 11.8545,
18.5595

188.8140,
203.4397, 256.3472

■ 5.8585, 6.6447,
11.1788

■ 26.5431, 29.2298,
41.8152

■ 2.7991, 3.2409,
6.0716

■ 38.4912, 42.1641,
58.5272

■ 1.0484, 1.2588,
2.8192

■ 53.5749, 58.4420,
79.1869

■ 0.0000, 0.1089,
1.0031

■ 72.1594, 78.4480,
104.2126

■ 0.0000, 0.0000,
0.0000

■ 94.6103, 102.5663,
134.0229

121.2927,

131.1814, 169.0365

152.5722,
164.6777, 209.6717

■ 10.5921, 11.8545,
18.5595

■ 10.5921, 11.8545,
18.5595

■ 9.3427, 10.5706,
18.3777

■ 12.0350, 13.2761,
18.7580

■ 8.2760, 9.4175,
18.2114

■ 13.6793, 14.8392,
18.9731

■ 7.3817, 8.3894,
18.0601

■ 15.5338, 16.5493,
19.2054

■ 6.6480, 7.4795,
17.9231

■ 17.6064, 18.4109,
19.4555

■ 6.0613, 6.6803,
17.7998

■ 19.9045, 20.4285,
19.7238

■ 5.5920, 5.9758,
17.6885

■ 22.4352, 22.6064,
20.0108

■ 5.4480, 5.7585,
17.6542

■ 25.2054, 24.9485,
20.3169

■ 28.2214, 27.4587,
20.6424

■ 31.4897, 30.1407,
20.9879

Harmonies

Analogous

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



9.8632, 11.8545, 16.5305



10.5921, 11.8545, 18.5595



11.5427, 11.8545, 18.9692

Triad

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



10.5921, 11.8545, 18.5595



13.2221, 11.8545, 12.1410



10.1446, 11.8545, 9.1458

Complementary

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



10.5921, 11.8545, 18.5595



12.3135, 11.7588, 8.0997

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.



10.9964, 11.8545, 8.2980



10.5921, 11.8545, 18.5595



12.7988, 11.8545, 9.8568

Square

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



10.5921, 11.8545, 18.5595



13.0984, 11.8545, 14.9837



11.9707, 11.8545, 8.5381



9.6154, 11.8545, 11.0326

Rectangle

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



10.5921, 11.8545, 18.5595



12.1809, 11.8545, 18.2202



11.9707, 11.8545, 8.5381



10.4007, 11.8545, 8.7432

Sweetspot

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



10.5925, 11.8550, 18.5598



26.2631, 28.2131, 34.1985



11.0518, 14.9251, 12.0798



5.9606, 6.4150, 7.8530



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.



10.5925, 11.8550, 18.5598



17.0684, 19.2837, 32.9595



8.8325, 8.3350, 17.9731



3.6676, 3.9238, 4.6543



5.9872, 6.3140, 19.4457



28.3230, 29.0626, 94.4771

Inverse Universe

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



12.0855, 9.6000, 13.2730



20.2300, 14.8932, 21.6778



14.3647, 15.8612, 8.7834



3.7682, 3.7346, 4.3062



9.3192, 4.6614, 6.8889



44.9829, 22.5433, 31.3029

Previews

White Background



This preview shows how the XYZ color 10.5921, 11.8545, 18.5595 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 10.5921, 11.8545, 18.5595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

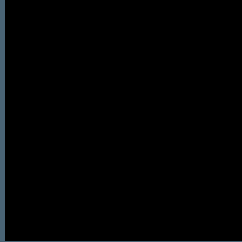
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 10.5921, 11.8545, 18.5595

Background



This preview shows how black text looks on a background with the XYZ color 10.5921, 11.8545, 18.5595.

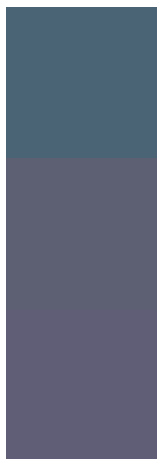


This preview shows how white text looks on a background with the XYZ color 10.5921, 11.8545,

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

10.5921, 11.8545, 18.5595

Protanopia

11.7343, 11.9078, 17.5996

Deuteranopia

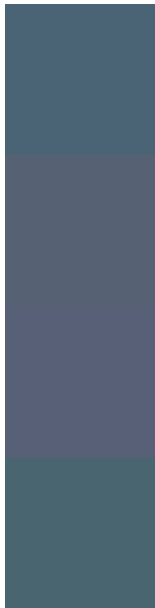
11.9920, 11.7463, 18.7748



Tritanopia

10.0865, 11.7892, 16.2119

Trichromacy



Original Color

10.5921, 11.8545, 18.5595

Protanomaly

11.2070, 11.7656, 17.9000

Deuteranomaly

11.3834, 11.7000, 18.7979

Tritanomaly

10.3260, 11.8937, 17.0807

Monochromacy



Original Color

10.5921, 11.8545, 18.5595

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

10.5116, 11.3513, 14.2074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.5921, 11.8545, 18.5595 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(74, 100, 117)` looks like.

```
.text, #text, p{  
    color:rgb(74, 100, 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(74, 100, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 100, 117) }
```

Border

The CSS property to change the border of an element to XYZ 10.5921, 11.8545, 18.5595 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(74, 100, 117) }
```


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

```
.border{ border-color:rgb(74, 100, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 100, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 100, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 100, 117);  
box-shadow:4px 4px 4px 4px rgb(74, 100,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 10.5921, 11.8545, 18.5595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 100, 117) }
```

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

```
.background{ background-color: rgb(74, 100,  
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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