

Converting Colors

XYZ(21.5320, 26.1678, 5.8568)

Have a look what the booklet for
XYZ(21.5320, 26.1678, 5.8568)
contains.

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Color

**XYZ(21.4761, 26.0600,
5.8176)**

Conversions

Conversions Part 1

Format	Color
Hex	8D9127
RGB	141, 145, 39
RGB Percent	55%, 57%, 15%
CMY	0.4471, 0.4314, 0.8470
CMYK	0.03, 0.00, 0.73, 0.43
HSL	62°, 58%, 36%
HSV	62°, 73%, 57%
XYZ	21.4761, 26.0600, 5.8176
YIQ	131.7200, 31.6420, -33.8140

Conversions

Conversions Part 2

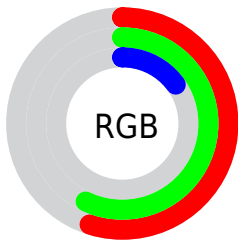
Format	Color
R_{YB}	39, 145, 43
Decimal	9277735
CIE _{Lab}	58.09, -14.83, 52.42
CIE _{LCh}	58, 54.478, 105.799
Yxy	26.0600, 0.4025, 0.4884
Android (android.graphics.Color)	4287467815 (0xFF8D9127)
YUV	131.7200, -45.7110, 8.1386
Hunter-Lab	51.0490, -14.2415, 28.9775

Details

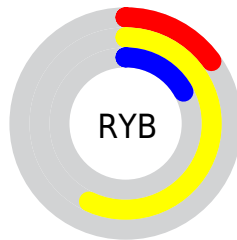
The XYZ color **21.4761, 26.0600, 5.8176** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6.8334, 4.0095, 27.2034**, and the grayscale version is **21.9833, 23.1281, 25.1865**.

A 20% lighter version of the original color is **45.3811, 53.4899, 18.0580**, and **8.0227, 10.2107, 1.5480** is the 20% darker color. If you saturate the color by 10%, you get **21.1877, 25.9349, 4.7811**, and if you desaturate by 10%, it is **21.8581, 26.2245, 7.3391**.

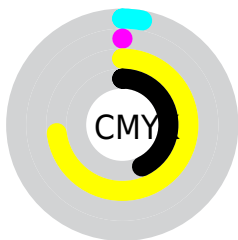
Distribution



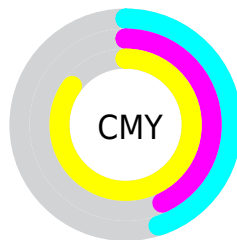
- Red (55%)
- Green (57%)
- Blue (15%)



- Red (15%)
- Yellow (57%)
- Blue (17%)



- Cyan (3%)
- Magenta (0%)
- Yellow (73%)
- Black (43%)



- Cyan (45%)
- Magenta (43%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4761, 26.0600, 5.8176 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 21.4761, 26.0600, 5.8176 by changing the saturation by 10% instead.

■ 21.4761, 26.0600,
5.8176

■ 21.4761, 26.0600,
5.8176

252.4821,
283.0765, 166.6812

■ 13.5869, 16.8685,
2.6675

■ 45.3639, 53.3717,
18.0222

■ 7.9137, 10.1408,
0.9270

■ 62.0932, 72.2608,
27.9138

■ 4.0911, 5.4924,
0.0000

■ 82.4999, 95.1511,
40.8896

■ 1.7538, 2.5390,
0.0000

■ 106.9494,
122.4272, 57.3682

■ 0.4896, 0.8961,
0.0000

■ 135.8070,
154.4734, 77.7681

■ 0.0000, 0.0000,
0.0000

■ 169.4381,

191.6741, 102.5079

208.2080,
234.4136, 132.0061

■ 21.4761, 26.0600,
5.8176

■ 21.4761, 26.0600,
5.8176

■ 21.1877, 25.9349,
4.7811

■ 21.8581, 26.2245,
7.3391

■ 20.9798, 25.8410,
4.1693

■ 22.3412, 26.4286,
9.3933

■ 20.8615, 25.7864,
3.8778

■ 22.9343, 26.6767,
12.0241

■ 23.6447, 26.9719,
15.2704

■ 24.4792, 27.3167,
19.1677

■ 25.4440, 27.7136,
23.7489

■ 26.5449, 28.1651,
29.0445

■ 27.7874, 28.6733,
35.0833

■ 29.1767, 29.2402,
41.8924

Harmonies

Analogous

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



28.0109, 26.0600, 5.7270



21.4761, 26.0600, 5.8176



16.7483, 26.0600, 9.8452

Triad

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



21.4761, 26.0600, 5.8176



16.9415, 26.0600, 63.1657



39.2012, 26.0600, 38.2450

Complementary

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



21.4761, 26.0600, 5.8176



6.8334, 4.0095, 27.2034

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.



35.0126, 26.0600, 61.9537



21.4761, 26.0600, 5.8176



21.7879, 26.0600, 80.1204

Square

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



21.4761, 26.0600, 5.8176



14.4651, 26.0600, 39.4500



28.3829, 26.0600, 79.5984



39.0772, 26.0600, 19.5948

Rectangle

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



21.4761, 26.0600, 5.8176



14.9135, 26.0600, 15.9434



28.3829, 26.0600, 79.5984



38.2226, 26.0600, 46.0096

Sweetspot

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



21.4767, 26.0612, 5.8181



43.9399, 48.9601, 34.8147



12.8912, 7.8609, 2.7576



9.6909, 10.8570, 7.3493



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.4767, 26.0612, 5.8181



37.6766, 46.3238, 7.7477



14.5615, 22.4963, 5.4945



5.8197, 6.2752, 5.7939



17.8976, 22.1192, 3.3261



0.1752, 0.2136, 0.0320

Inverse Universe

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



6.8334, 4.0095, 27.2034



9.9565, 4.5199, 48.3212



10.6121, 5.9575, 27.3803



5.1473, 5.2641, 6.7735



4.4477, 1.7864, 23.0875



0.0455, 0.0186, 0.2209

Previews

White Background



This preview shows how the XYZ color 21.4761, 26.0600, 5.8176 looks on a white 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

Black Background



This preview shows how the XYZ color 21.4761, 26.0600, 5.8176 looks on a black 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

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

XYZ 21.4761, 26.0600, 5.8176

Background



This preview shows how black text looks on a background with the XYZ color 21.4761, 26.0600, 5.8176.



This preview shows how white text looks on a background with the XYZ color 21.4761, 26.0600,

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

21.4761, 26.0600, 5.8176

Protanopia

23.6326, 26.0642, 5.6190

Deuteranopia

26.3851, 25.7983, 5.9718



Tritanopia

26.4300, 25.8873, 30.7979

Trichromacy



Original Color

21.4761, 26.0600, 5.8176

Protanomaly

22.7854, 26.0653, 5.6639

Deuteranomaly

24.4678, 25.8450, 5.8895

Tritanomaly

23.9191, 25.7298, 17.6156

Monochromacy



Original Color

21.4761, 26.0600, 5.8176

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.1419, 23.9241, 15.0588

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4761, 26.0600, 5.8176 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(141, 145, 39)` looks like.

```
.text, #text, p{  
    color:rgb(141, 145, 39)  
}
```

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(141, 145, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 145, 39) }
```

Border

The CSS property to change the border of an element to XYZ 21.4761, 26.0600, 5.8176 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(141, 145, 39) }
```


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

```
.border{ border-color:rgb(141, 145, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 145, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 145, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 145, 39);  
box-shadow:4px 4px 4px 4px rgb(141, 145,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4761, 26.0600, 5.8176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 145, 39) }
```

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

```
.background{ background-color: rgb(141,  
145, 39) }
```

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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