

Converting Colors

XYZ(21.5064, 28.5767, 11.5955)

Have a look what the booklet for
XYZ(21.5064, 28.5767, 11.5955)
contains.

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Color

**XYZ(21.5758, 28.6121,
11.5932)**

Conversions

Conversions Part 1

Format	Color
Hex	7C9C4E
RGB	124, 156, 78
RGB Percent	49%, 61%, 31%
CMY	0.5137, 0.3882, 0.6941
CMYK	0.21, 0.00, 0.50, 0.39
HSL	85°, 33%, 46%
HSV	85°, 50%, 61%
XYZ	21.5758, 28.6121, 11.5932
YIQ	137.5400, 5.9660, -31.0420

Conversions

Conversions Part 2

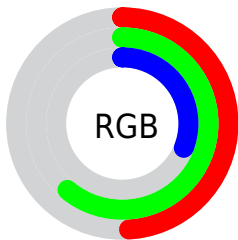
Format	Color
RYB	78, 156, 110
Decimal	8166478
CIELab	60.44, -24.46, 37.00
CIELCh	60, 44.353, 123.475
Yxy	28.6121, 0.3492, 0.4631
Android (android.graphics.Color)	4286356558 (0xFF7C9C4E)
YUV	137.5400, -29.3532, -11.8746
Hunter-Lab	53.4903, -21.6084, 24.5930

Details

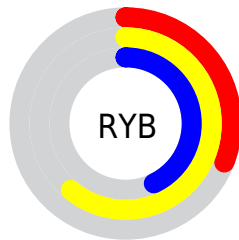
The XYZ color **21.5758, 28.6121, 11.5932** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **15.1567, 11.1648, 32.8103**, and the grayscale version is **24.0895, 25.3440, 27.5996**.

A 20% lighter version of the original color is **45.6168, 57.6385, 29.4900**, and **8.0210, 11.6083, 2.9803** is the 20% darker color. If you saturate the color by 10%, you get **20.1866, 27.9540, 8.9471**, and if you desaturate by 10%, it is **23.1592, 29.3568, 14.9422**.

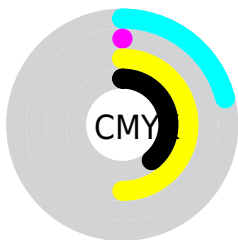
Distribution



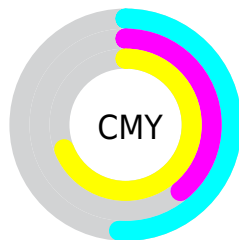
- Red (49%)
- Green (61%)
- Blue (31%)



- Red (31%)
- Yellow (61%)
- Blue (43%)



- Cyan (21%)
- Magenta (0%)
- Yellow (50%)
- Black (39%)



- Cyan (51%)
- Magenta (39%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5758, 28.6121, 11.5932 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 21.5758, 28.6121, 11.5932 by changing the saturation by 10% instead.

■ 21.5758, 28.6121,
11.5932

■ 21.5758, 28.6121,
11.5932

252.9971,
295.3803, 212.5747

■ 13.6604, 18.7876,
6.3482

■ 45.5280, 57.4602,
29.4052

■ 7.9650, 11.5169,
2.9857

■ 62.2954, 77.2526,
42.8093

■ 4.1242, 6.4156,
1.0874

■ 82.7443, 101.1364,
59.7702

■ 1.7726, 3.0994,
0.0000

■ 107.2400,
129.4960, 80.7063

■ 0.5011, 1.1839,
0.0000

■ 136.1477,
162.7158, 106.0363

■ 0.0000, 0.0485,
0.0000

169.8329,

■ 0.0000, 0.0000,

201.1802, 136.1786

0.0000

208.6609,
245.2736, 171.5519

■ 21.5758, 28.6121,
11.5932

■ 21.5758, 28.6121,
11.5932

■ 20.1866, 27.9540,
8.9471

■ 23.1592, 29.3568,
14.9422

■ 18.9787, 27.3742,
6.9518

■ 24.9444, 30.1883,
19.0375

■ 17.9411, 26.8692,
5.5509


■ 26.9409, 31.1115,
23.9213


■ 17.0596, 26.4332,
4.6777


■ 29.1573, 32.1300,
29.6321


■ 16.3024, 26.0533,
4.1696

■ 31.6012, 33.2469,
36.2059

 16.3024, 26.0533,
4.1696

 34.2801, 34.4654,
43.6764

 37.2011, 35.7883,
52.0757

 40.3708, 37.2185,
61.4342

 43.7957, 38.7586,
71.7809

Harmonies

Analogous

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



26.5346, 28.6121, 9.1235



21.5758, 28.6121, 11.5932



18.5043, 28.6121, 19.1123

Triad

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



21.5758, 28.6121, 11.5932



22.5791, 28.6121, 68.6217



39.6965, 28.6121, 29.2858

Complementary

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



21.5758, 28.6121, 11.5932



15.1567, 11.1648, 32.8103

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.



38.2528, 28.6121, 47.4175



21.5758, 28.6121, 11.5932



27.8661, 28.6121, 74.2774

Square

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



21.5758, 28.6121, 11.5932



19.0241, 28.6121, 51.9226



33.7137, 28.6121, 65.4444



37.4231, 28.6121, 16.8258

Rectangle

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



21.5758, 28.6121, 11.5932



17.6776, 28.6121, 27.7144



33.7137, 28.6121, 65.4444



39.6310, 28.6121, 34.8664

Sweetspot

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



21.5765, 28.6134, 11.5938



50.7724, 57.3525, 48.1326



20.5765, 18.5989, 9.7135



11.0017, 12.5417, 10.1547



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.5765, 28.6134, 11.5938



36.3853, 50.6373, 15.7593



17.0839, 26.2973, 11.3836



6.9067, 7.5846, 7.0856



13.4674, 21.4794, 3.4361



0.2880, 0.4084, 0.0636

Inverse Universe

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



15.1567, 11.1648, 32.8103



23.3739, 15.2251, 58.8335



20.9752, 14.1644, 33.0826



6.5296, 6.5615, 8.3290



6.7222, 2.8944, 26.1116



0.1670, 0.0759, 0.4691

Previews

White Background



This preview shows how the XYZ color 21.5758, 28.6121, 11.5932 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 21.5758, 28.6121, 11.5932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

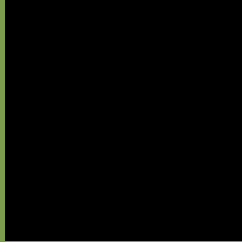
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.5758, 28.6121, 11.5932

Background



This preview shows how black text looks on a background with the XYZ color 21.5758, 28.6121, 11.5932.



This preview shows how white text looks on a background with the XYZ color 21.5758, 28.6121,

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

21.5758, 28.6121, 11.5932

Protanopia

25.8586, 28.2188, 10.5624

Deuteranopia

28.8871, 28.4215, 11.9460



Tritanopia

26.6834, 28.5215, 36.8997

Trichromacy



Original Color

21.5758, 28.6121, 11.5932

Protanomaly

24.0501, 28.2059, 10.8333

Deuteranomaly

25.7112, 28.1140, 11.8560

Tritanomaly

24.2957, 28.2497, 25.2913

Monochromacy



Original Color

21.5758, 28.6121, 11.5932

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

22.9507, 26.4983, 20.4281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5758, 28.6121, 11.5932 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(124, 156, 78)` looks like.

```
.text, #text, p{  
    color:rgb(124, 156, 78)  
}
```

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(124, 156, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 156, 78) }
```

Border

The CSS property to change the border of an element to XYZ 21.5758, 28.6121, 11.5932 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(124, 156, 78) }
```


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

```
.border{ border-color:rgb(124, 156, 78) }
```

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

Here you see how a box with a 4 pixel rgb(124, 156, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 156, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 156, 78);  
box-shadow:4px 4px 4px 4px rgb(124, 156,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5758, 28.6121, 11.5932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 156, 78) }
```

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

```
.background{ background-color: rgb(124,  
156, 78) }
```

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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