

Converting Colors

XYZ(14.5556, 21.0378, 11.0781)

Have a look what the booklet for
XYZ(14.5556, 21.0378, 11.0781)
contains.

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Color

**XYZ(14.5556, 21.0378,
11.0781)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 568B51 |
| RGB | 86, 139, 81 |
| RGB Percent | 34%, 55%, 32% |
| CMY | 0.6627, 0.4549, 0.6823 |
| CMYK | 0.38, 0.00, 0.42, 0.45 |
| HSL | 115°, 26%, 43% |
| HSV | 115°, 42%, 55% |
| XYZ | 14.5556, 21.0378, 11.0781 |
| YIQ | 116.5410, -12.9700, -29.2740 |

Conversions

Conversions Part 2

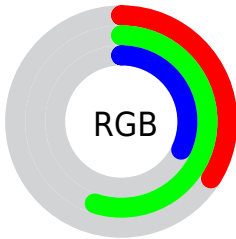
| Format | Color |
|-------------------------------------|---------------------------------|
| R_{YB} | 81, 139, 134 |
| Decimal | 5671761 |
| CIE _{Lab} | 52.99, -29.87, 25.58 |
| CIE _{LCh} | 53, 39.326, 139.420 |
| Yxy | 21.0378, 0.3119, 0.4508 |
| Android (android.graphics.Color) | 4283861841 (0xFF568B51) |
| YUV | 116.5410, -17.5217, -26.7845 |
| Hunter-Lab | 45.8670, -23.6214, 17.7868 |

Details

The XYZ color **14.5556, 21.0378, 11.0781** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.4351, 12.8179, 25.9824**, and the grayscale version is **16.8224, 17.6984, 19.2736**.

A 20% lighter version of the original color is **33.6479, 45.1819, 28.4203**, and **4.4862, 7.4581, 2.7932** is the 20% darker color. If you saturate the color by 10%, you get **13.0195, 20.3007, 8.5584**, and if you desaturate by 10%, it is **16.4073, 21.9265, 14.1706**.

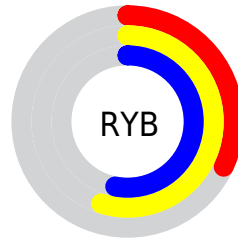
Distribution



Red (34%)

Green (55%)

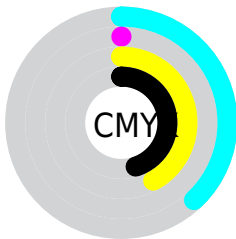
Blue (32%)



Red (32%)

Yellow (55%)

Blue (53%)

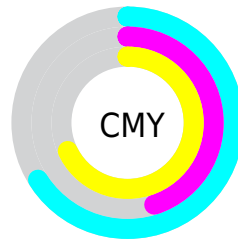


Cyan (38%)

Magenta (0%)

Yellow (42%)

Black (45%)



Cyan (66%)

Magenta (45%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.5556, 21.0378, 11.0781 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 14.5556, 21.0378, 11.0781 by changing the saturation by 10% instead.

■ 14.5556, 21.0378,
11.0781

■ 14.5556, 21.0378,
11.0781

214.1025,
257.4793, 208.9592

■ 8.5924, 13.1516,
6.0046

■ 33.6498, 45.1504,
28.4434

■ 4.5312, 7.5330,
2.7790

■ 47.5114, 62.1457,
41.5721

■ 2.0068, 3.7976,
0.9829

■ 64.7366, 82.9461,
58.2231

■ 0.6378, 1.5610,
0.0000

■ 85.6906, 107.9361,
78.8147

■ 0.0000, 0.3311,
0.0000

■ 110.7388,
137.5000, 103.7656

■ 0.0000, 0.0000,
0.0000

140.2467,

172.0222, 133.4943

174.5795,
211.8872, 168.4193

■ 14.5556, 21.0378,
11.0781

■ 14.5556, 21.0378,
11.0781

■ 13.0195, 20.3007,
8.5584

■ 16.4073, 21.9265,
14.1706

■ 11.7800, 19.7043,
6.5749

■ 18.5894, 22.9718,
17.8665

■ 10.8182, 19.2404,
5.0893


■ 21.1173, 24.1818,
22.1959


■ 10.1125, 18.8987,
4.0573


■ 24.0053, 25.5632,
27.1868


■ 9.6382, 18.6676,
3.4272


■ 27.2667, 27.1222,
32.8650

 9.3844, 18.5441,
3.0848

 30.9142, 28.8649,
39.2554

 34.9599, 30.7970,
46.3813

 39.4153, 32.9239,
54.2653

 44.2915, 35.2510,
62.9287

Harmonies

Analogous

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



17.4724, 21.0378, 7.4663



14.5556, 21.0378, 11.0781



13.1675, 21.0378, 18.9833

Triad

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



14.5556, 21.0378, 11.0781



18.5744, 21.0378, 53.2840



28.4493, 21.0378, 16.1525

Complementary

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



14.5556, 21.0378, 11.0781



17.4351, 12.8179, 25.9824

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.



28.8515, 21.0378, 27.3362



14.5556, 21.0378, 11.0781



22.7512, 21.0378, 51.7085

Square

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



14.5556, 21.0378, 11.0781



15.2666, 21.0378, 44.8575



26.6463, 21.0378, 41.0919



25.6129, 21.0378, 9.6213

Rectangle

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



14.5556, 21.0378, 11.0781



13.1464, 21.0378, 26.8301



26.6463, 21.0378, 41.0919



28.8871, 21.0378, 19.3856

Sweetspot

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



14.5561, 21.0387, 11.0786



37.0696, 42.9465, 38.4643



20.5486, 22.9140, 11.1247



8.3263, 9.7928, 8.4933



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



14.5561, 21.0387, 11.0786



23.4743, 36.4302, 15.5849



15.1355, 21.2191, 16.4486



5.0093, 5.6275, 5.3746



8.4766, 16.7398, 2.7843



0.0609, 0.1135, 0.0187

Inverse Universe

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



17.4351, 12.8179, 25.9824



29.3347, 19.6520, 45.9901



16.7314, 12.6307, 18.0189



5.1921, 5.1074, 6.3180



12.1152, 5.7598, 22.5189



0.0863, 0.0413, 0.1499

Previews

White Background



This preview shows how the XYZ color 14.5556, 21.0378, 11.0781 looks on a white background.

Color Contrast Check

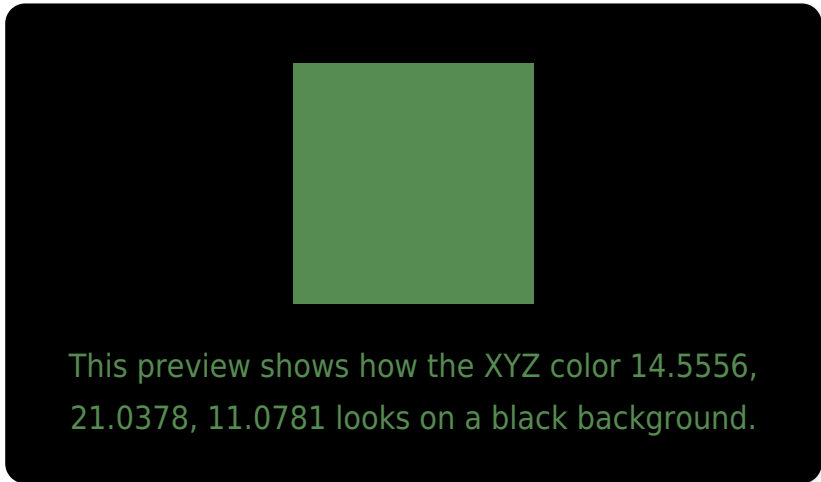
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

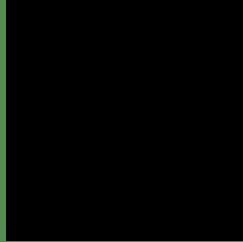
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.5556, 21.0378, 11.0781

Background



This preview shows how black text looks on a background with the XYZ color 14.5556, 21.0378, 11.0781.



This preview shows how white text looks on a background with the XYZ color 14.5556, 21.0378,

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

14.5556, 21.0378, 11.0781

Protanopia

19.2466, 20.8468, 9.8469

Deuteranopia

21.1187, 20.6681, 11.4706



Tritanopia

18.1708, 21.0522, 28.6970

Trichromacy



Original Color

14.5556, 21.0378, 11.0781

Protanomaly

17.0992, 20.7046, 10.3029

Deuteranomaly

17.9420, 20.3309, 11.3661

Tritanomaly

16.6702, 21.0637, 20.9564

Monochromacy



Original Color

14.5556, 21.0378, 11.0781

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

15.7762, 18.7309, 15.8806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.5556, 21.0378, 11.0781 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(86, 139, 81)` looks like.

```
.text, #text, p{  
    color:rgb(86, 139, 81)  
}
```

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(86, 139, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 139, 81) }
```

Border

The CSS property to change the border of an element to XYZ 14.5556, 21.0378, 11.0781 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(86, 139, 81) }
```


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

```
.border{ border-color:rgb(86, 139, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 139, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 139, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 139, 81);  
box-shadow:4px 4px 4px 4px rgb(86, 139,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 14.5556, 21.0378, 11.0781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 139, 81) }
```

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

```
.background{ background-color: rgb(86, 139,  
81) }
```

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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