

Converting Colors

XYZ(14.4481, 21.8350, 13.4954)

Have a look what the booklet for
XYZ(14.4481, 21.8350, 13.4954)
contains.

XYZ(14.4267, 21.7953, 13.5718)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(14.4267, 21.7953,
13.5718)**

Conversions

Conversions Part 1

Format	Color
Hex	488F5C
RGB	72, 143, 92
RGB Percent	28%, 56%, 36%
CMY	0.7176, 0.4392, 0.6392
CMYK	0.50, 0.00, 0.36, 0.44
HSL	137°, 33%, 42%
HSV	137°, 50%, 56%
XYZ	14.4267, 21.7953, 13.5718
YIQ	115.9570, -25.9450, -30.9130

Conversions

Conversions Part 2

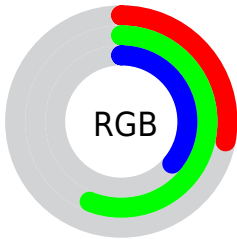
Format	Color
R_{YB}	72, 127, 143
Decimal	4755292
CIE _{Lab}	53.81, -34.19, 20.46
CIE _{LCh}	54, 39.839, 149.107
Yxy	21.7953, 0.2897, 0.4377
Android (android.graphics.Color)	4282945372 (0xFF488F5C)
YUV	115.9570, -11.8108, -38.5503
Hunter-Lab	46.6854, -26.5396, 15.4438

Details

The XYZ color **14.4267, 21.7953, 13.5718** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **17.2209, 11.9049, 20.1298**, and the grayscale version is **16.6285, 17.4944, 19.0514**.

A 20% lighter version of the original color is **33.3816, 46.2756, 33.1593**, and **4.4819, 7.9371, 3.7784** is the 20% darker color. If you saturate the color by 10%, you get **13.0632, 21.1414, 11.3210**, and if you desaturate by 10%, it is **16.1003, 22.6032, 16.1559**.

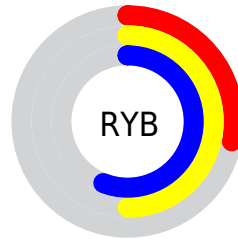
Distribution



Red (28%)

Green (56%)

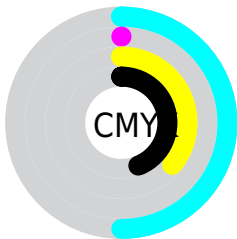
Blue (36%)



Red (28%)

Yellow (50%)

Blue (56%)

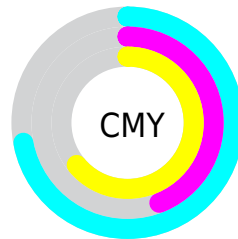


Cyan (50%)

Magenta (0%)

Yellow (36%)

Black (44%)



Cyan (72%)

Magenta (44%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4267, 21.7953, 13.5718 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 14.4267, 21.7953, 13.5718 by changing the saturation by 10% instead.

■ 14.4267, 21.7953,
13.5718

■ 14.4267, 21.7953,
13.5718

213.3273,
261.4754, 225.8855

■ 8.5017, 13.7066,
7.6881

■ 33.4242, 46.4074,
33.0334

■ 4.4721, 7.9169,
3.8111

■ 47.2275, 63.6996,
47.4484

■ 1.9725, 4.0418,
1.5223

■ 64.3875, 84.8284,
65.5443

■ 0.6185, 1.6970,
0.2345

■ 85.2698, 110.1782,
87.7396

■ 0.0000, 0.4217,
0.0000

■ 110.2395,
140.1335, 114.4528

■ 0.0000, 0.0000,
0.0000

139.6621,

175.0785, 146.1025

173.9029,
215.3976, 183.1072

■ 14.4267, 21.7953,
13.5718

■ 14.4267, 21.7953,
13.5718

■ 13.0632, 21.1414,
11.3210

■ 16.1003, 22.6032,
16.1559

■ 11.9881, 20.6288,
9.3885

■ 18.1003, 23.5715,
19.0848

■ 11.1797, 20.2473,
7.7600


■ 20.4439, 24.7094,
22.3710


■ 10.6123, 19.9838,
6.4200


■ 23.1467, 26.0246,
26.0261


■ 10.2231, 19.8065,
5.3494


■ 26.2231, 27.5244,
30.0611

 10.2107, 19.8008,
5.3166

 29.6869, 29.2157,
34.4866

 33.5510, 31.1049,
39.3128

 37.8280, 33.1983,
44.5494

 42.5295, 35.5017,
50.2058

Harmonies

Analogous

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



16.9655, 21.7953, 8.5225



14.4267, 21.7953, 13.5718



13.5296, 21.7953, 23.3659

Triad

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



14.4267, 21.7953, 13.5718



20.5878, 21.7953, 55.9523



28.7687, 21.7953, 14.0149

Complementary

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



14.4267, 21.7953, 13.5718



17.2209, 11.9049, 20.1298

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.



30.0803, 21.7953, 24.1006



14.4267, 21.7953, 13.5718



24.9817, 21.7953, 50.8492

Square

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



14.4267, 21.7953, 13.5718



16.7717, 21.7953, 50.2410



28.6093, 21.7953, 38.0035



25.2342, 21.7953, 8.7094

Rectangle

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



14.4267, 21.7953, 13.5718



13.8729, 21.7953, 32.3109



28.6093, 21.7953, 38.0035



29.5041, 21.7953, 16.8233

Sweetspot

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



14.4273, 21.7962, 13.5723



38.6273, 45.2298, 42.8155



19.3147, 24.4038, 9.8235



8.6529, 10.2724, 9.5395



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.



14.4273, 21.7962, 13.5723



23.0476, 37.6942, 19.6754



16.2895, 22.5411, 23.3787



5.4015, 6.0528, 6.0799



9.0359, 17.5102, 4.7433



0.0948, 0.1708, 0.0898

Inverse Universe

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



17.2209, 11.9049, 20.1298



28.6560, 17.7732, 32.7933



15.4307, 11.1888, 10.7028



5.5623, 5.4855, 6.4593



12.1772, 6.0279, 11.8503



0.1259, 0.0614, 0.1630

Previews

White Background



This preview shows how the XYZ color 14.4267, 21.7953, 13.5718 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 14.4267, 21.7953, 13.5718 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 14.4267, 21.7953, 13.5718

Background



This preview shows how black text looks on a background with the XYZ color 14.4267, 21.7953, 13.5718.



This preview shows how white text looks on a background with the XYZ color 14.4267, 21.7953,

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

14.4267, 21.7953, 13.5718

Protanopia

20.0463, 21.5992, 11.9166

Deuteranopia

22.0031, 21.6083, 14.3204



Tritanopia

17.8169, 21.6462, 30.8428

Trichromacy



Original Color

14.4267, 21.7953, 13.5718

Protanomaly

17.2192, 21.1245, 12.4024

Deuteranomaly

18.0742, 20.9291, 13.9136

Tritanomaly

16.3716, 21.7030, 23.4049

Monochromacy



Original Color

14.4267, 21.7953, 13.5718

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

15.3702, 18.6926, 16.7078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4267, 21.7953, 13.5718 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(72, 143, 92)` looks like.

```
.text, #text, p{  
    color:rgb(72, 143, 92)  
}
```

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(72, 143, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 143, 92) }
```

Border

The CSS property to change the border of an element to XYZ 14.4267, 21.7953, 13.5718 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(72, 143, 92) }
```


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

```
.border{ border-color:rgb(72, 143, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 143, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 143, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 143, 92);  
box-shadow:4px 4px 4px 4px rgb(72, 143,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4267, 21.7953, 13.5718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 143, 92) }
```

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

```
.background{ background-color: rgb(72, 143,  
92) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor