

Converting Colors

XYZ(10.9404, 14.2189, 8.9699)

Have a look what the booklet for
XYZ(10.9404, 14.2189, 8.9699)
contains.

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Color

**XYZ(10.9559, 14.2634,
9.0131)**

Conversions

Conversions Part 1

Format	Color
Hex	55714C
RGB	85, 113, 76
RGB Percent	33%, 44%, 30%
CMY	0.6667, 0.5569, 0.7020
CMYK	0.25, 0.00, 0.33, 0.56
HSL	105°, 20%, 37%
HSV	105°, 33%, 44%
XYZ	10.9559, 14.2634, 9.0131
YIQ	100.4100, -4.8110, -17.4430

Conversions

Conversions Part 2

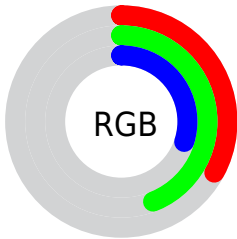
Format	Color
RYB	76, 113, 104
Decimal	5599564
CIELab	44.61, -17.91, 17.33
CIELCh	45, 24.922, 135.932
Yxy	14.2634, 0.3200, 0.4167
Android (android.graphics.Color)	4283789644 (0xFF55714C)
YUV	100.4100, -12.0341, -13.5146
Hunter-Lab	37.7669, -14.3106, 12.2872

Details

The XYZ color **10.9559, 14.2634, 9.0131** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **11.2747, 9.3046, 16.8254**, and the grayscale version is **12.2490, 12.8869, 14.0338**.

A 20% lighter version of the original color is **27.1485, 33.5418, 24.4454**, and **2.9369, 4.2916, 1.9699** is the 20% darker color. If you saturate the color by 10%, you get **9.8671, 13.7440, 7.0885**, and if you desaturate by 10%, it is **12.2083, 14.8600, 11.3063**.

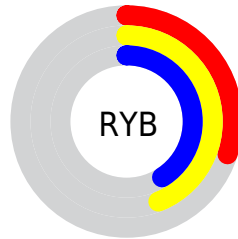
Distribution



 Red (33%)

 Green (44%)

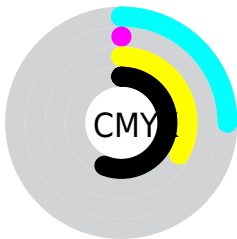
 Blue (30%)



 Red (30%)

 Yellow (44%)

 Blue (41%)

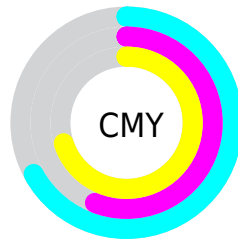


 Cyan (25%)

 Magenta (0%)

 Yellow (33%)

 Black (56%)



 Cyan (67%)

 Magenta (56%)

 Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 10.9559, 14.2634, 9.0131 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 10.9559, 14.2634, 9.0131 by changing the saturation by 10% instead.

■ 10.9559, 14.2634,
9.0131

■ 10.9559, 14.2634,
9.0131

191.2793,
218.8633, 193.6973

■ 6.1043, 8.3041,
4.6528

■ 27.2123, 33.5557,
24.5000

■ 2.9498, 4.2901,
1.9899

■ 39.3477, 47.6574,
36.4637

■ 1.1273, 1.8372,
0.5490

■ 54.6418, 65.2421,
51.7990

■ 0.0478, 0.5102,
0.0000

■ 73.4599, 86.6941,
70.9243

■ 0.0000, 0.0000,
0.0000

■ 96.1673, 112.3978,
94.2582

123.1294,

142.7377, 122.2194

154.7117,
178.0981, 155.2262

■ 10.9559, 14.2634,
9.0131

■ 10.9559, 14.2634,
9.0131

■ 9.8671, 13.7440,
7.0885

■ 12.2083, 14.8600,
11.3063

■ 8.9339, 13.2968,
5.5123

■ 13.6298, 15.5350,
13.9849

■ 8.1492, 12.9191,
4.2640

■ 15.2269, 16.2918,
17.0659

■ 7.5049, 12.6072,
3.3204

■ 17.0054, 17.1330,
20.5649

■ 6.9920, 12.3570,
2.6553

■ 18.9709, 18.0613,
24.4968

■ 6.5998, 12.1637,
2.2354

■ 21.1286, 19.0790,
28.8756

■ 6.3703, 12.0506,
1.9902

■ 23.4837, 20.1884,
33.7147

■ 26.0411, 21.3919,
39.0272

■ 28.8056, 22.6915,
44.8253

Harmonies

Analogous

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



12.5196, 14.2634, 7.1086



10.9559, 14.2634, 9.0131



10.1309, 14.2634, 12.9829

Triad

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



10.9559, 14.2634, 9.0131



12.6355, 14.2634, 28.9947



17.6405, 14.2634, 12.6757

Complementary

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



10.9559, 14.2634, 9.0131



11.2747, 9.3046, 16.8254

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.



17.6795, 14.2634, 18.3911



10.9559, 14.2634, 9.0131



14.6501, 14.2634, 28.8531

Square

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



10.9559, 14.2634, 9.0131



11.0335, 14.2634, 24.9606



16.5401, 14.2634, 24.6117



16.4385, 14.2634, 8.8365

Rectangle

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



10.9559, 14.2634, 9.0131



10.0524, 14.2634, 16.7073



16.5401, 14.2634, 24.6117



17.7938, 14.2634, 14.4102

Sweetspot

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



10.9563, 14.2640, 9.0134



25.0840, 28.1386, 26.3394



13.0404, 13.8836, 8.8301



5.7326, 6.4750, 5.9602



55.7959, 58.7016, 63.9261



6.5000, 6.8385, 7.4471

Same Dimension

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



10.9563, 14.2640, 9.0134



18.1666, 24.8482, 13.5605



10.5357, 14.0073, 10.7952



3.4141, 3.7988, 3.6266



7.2093, 13.6602, 2.2567



35.2407, 67.7012, 11.2103

Inverse Universe

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



11.2747, 9.3046, 16.8254



18.8232, 14.5421, 29.7903



11.8811, 9.6744, 14.2720



3.4390, 3.4146, 4.2320



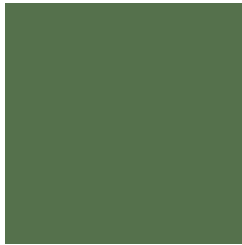
7.6663, 3.5615, 18.0050



37.3842, 17.3266, 89.6531

Previews

White Background



This preview shows how the XYZ color 10.9559, 14.2634, 9.0131 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 10.9559, 14.2634, 9.0131 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 10.9559, 14.2634, 9.0131

Background



This preview shows how black text looks on a background with the XYZ color 10.9559, 14.2634, 9.0131.



This preview shows how white text looks on a background with the XYZ color 10.9559, 14.2634,

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

10.9559, 14.2634, 9.0131

Protanopia

13.1936, 14.1616, 8.3414

Deuteranopia

14.3771, 14.1570, 9.3719



Tritanopia

12.9871, 14.2848, 18.9024

Trichromacy



Original Color

10.9559, 14.2634, 9.0131

Protanomaly

12.1921, 14.1031, 8.5581

Deuteranomaly

12.8571, 13.9682, 9.2262

Tritanomaly

12.0940, 14.2350, 14.6806

Monochromacy



Original Color

10.9559, 14.2634, 9.0131

Achromatopsia

12.1130, 12.7438, 13.8780

Achromatomaly

11.6592, 13.2914, 11.8485

CSS Examples

Text

The CSS property to change the color of the text to XYZ 10.9559, 14.2634, 9.0131 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(85, 113, 76) looks like.

```
.text, #text, p{  
    color:rgb(85, 113, 76)  
}
```

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(85, 113, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 113, 76) }
```

Border

The CSS property to change the border of an element to XYZ 10.9559, 14.2634, 9.0131 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(85, 113, 76) }
```


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

```
.border{ border-color:rgb(85, 113, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 113, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 113, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 113, 76);  
box-shadow:4px 4px 4px 4px rgb(85, 113,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 10.9559, 14.2634, 9.0131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 113, 76) }
```

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

```
.background{ background-color: rgb(85, 113,  
76) }
```

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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