

Converting Colors

XYZ(14.4519, 13.1193, 34.0458)

Have a look what the booklet for
XYZ(14.4519, 13.1193, 34.0458)
contains.

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Color

**XYZ(14.4708, 13.0927,
34.1122)**

Conversions

Conversions Part 1

Format	Color
Hex	58619E
RGB	88, 97, 158
RGB Percent	35%, 38%, 62%
CMY	0.6549, 0.6196, 0.3804
CMYK	0.44, 0.39, 0.00, 0.38
HSL	232°, 28%, 48%
HSV	232°, 44%, 62%
XYZ	14.4708, 13.0927, 34.1122
YIQ	101.2630, -24.9450, 17.0630

Conversions

Conversions Part 2

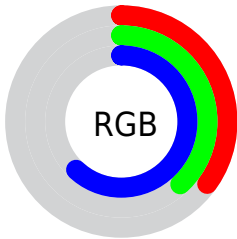
Format	Color
R_{YB}	88, 96, 158
Decimal	5792158
CIE _{Lab}	42.90, 13.10, -34.28
CIE _{LCh}	43, 36.695, 290.908
Yxy	13.0927, 0.2346, 0.2123
Android (android.graphics.Color)	4283982238 (0xFF58619E)
YUV	101.2630, 27.9713, -11.6317
Hunter-Lab	36.1838, 8.0648, -30.5668

Details

The XYZ color **14.4708, 13.0927, 34.1122** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **26.6102, 29.4697, 13.5191**, and the grayscale version is **12.3726, 13.0169, 14.1754**.

A 20% lighter version of the original color is **33.4285, 31.3343, 67.2370**, and **4.4785, 3.7656, 14.1265** is the 20% darker color. If you saturate the color by 10%, you get **11.9704, 10.0763, 33.6620**, and if you desaturate by 10%, it is **17.5172, 16.7188, 34.6518**.

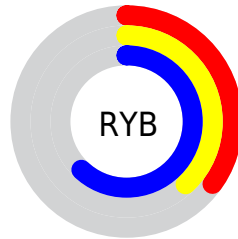
Distribution



Red (35%)

Green (38%)

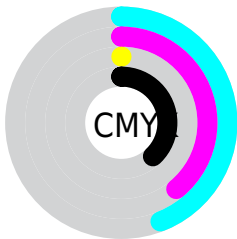
Blue (62%)



Red (35%)

Yellow (38%)

Blue (62%)

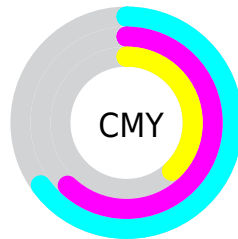


Cyan (44%)

Magenta (39%)

Yellow (0%)

Black (38%)



Cyan (65%)

Magenta (62%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4708, 13.0927, 34.1122 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 14.4708, 13.0927, 34.1122 by changing the saturation by 10% instead.

■ 14.4708, 13.0927,
34.1122

■ 14.4708, 13.0927,
34.1122

213.5929,
211.5109, 335.4165

■ 8.5327, 7.4924,
22.7017

■ 33.5014, 31.4702,
67.2440

■ 4.4923, 3.7719,
14.1702

■ 47.3247, 45.0162,
89.8024

■ 1.9843, 1.5468,
8.0990

■ 64.5070, 61.9796,
116.9139

■ 0.6251, 0.3213,
4.0697

■ 85.4139, 82.7448,
148.9971

■ 0.0000, 0.0000,
1.6637

110.4105,
107.6961, 186.4703

■ 0.0000, 0.0000,
0.3357

139.8623,

■ 0.0000, 0.0000,

137.2180, 229.7523

0.0000

174.1346,
171.6948, 279.2615

■ 14.4708, 13.0927,
34.1122

■ 14.4708, 13.0927,
34.1122

■ 11.9704, 10.0763,
33.6620

■ 17.5172, 16.7188,
34.6518

■ 9.9819, 7.6345,
33.2955

■ 21.1380, 20.9844,
35.2843

■ 8.4697, 5.7307,
33.0077

■ 25.3612, 25.9188,
36.0141

■ 7.3930, 4.3234,
32.7929

■ 30.2129, 31.5492,
36.8452

■ 6.7033, 3.3647,
32.6441

■ 35.7172, 37.9014,
37.7812

■ 6.4273, 2.9799,
32.5844

■ 41.8973, 44.9996,
38.8256

■ 48.7751, 52.8671,
39.9817

■ 56.3715, 61.5261,
41.2526

■ 64.7066, 70.9979,
42.6416

Harmonies

Analogous

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



11.6109, 13.0927, 35.6064



14.4708, 13.0927, 34.1122



17.1194, 13.0927, 26.3888

Triad

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



14.4708, 13.0927, 34.1122



16.1662, 13.0927, 5.3112



7.8405, 13.0927, 11.9505

Complementary

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



14.4708, 13.0927, 34.1122



26.6102, 29.4697, 13.5191

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.



8.7086, 13.0927, 6.5630



14.4708, 13.0927, 34.1122



13.3165, 13.0927, 3.7935

Square

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



14.4708, 13.0927, 34.1122



18.1959, 13.0927, 9.4216



10.6163, 13.0927, 4.1445



8.0536, 13.0927, 20.5120

Rectangle

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



14.4708, 13.0927, 34.1122



18.2713, 13.0927, 19.9312



10.6163, 13.0927, 4.1445



8.0100, 13.0927, 9.7750

Sweetspot

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



14.4713, 13.0932, 34.1125



46.9242, 48.0791, 65.5505



21.6501, 28.6881, 32.6911



10.1882, 10.3844, 14.7111



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



14.4713, 13.0932, 34.1125



21.8465, 18.4304, 61.1494



16.5581, 13.0040, 33.9853



6.3501, 6.5659, 8.3393



5.1649, 2.4213, 26.1024



0.1097, 0.0780, 0.4725

Inverse Universe

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



19.7484, 15.1123, 13.1857



32.7660, 22.9156, 17.7785



23.5568, 30.0912, 13.8000



6.6660, 6.6593, 7.0925



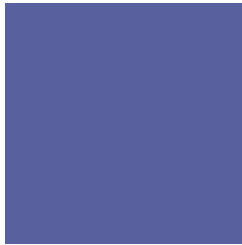
11.4052, 5.8667, 1.1189



0.2127, 0.1084, 0.0662

Previews

White Background



This preview shows how the XYZ color 14.4708, 13.0927, 34.1122 looks on a white background.

Color Contrast Check

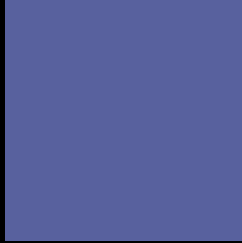
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4708, 13.0927, 34.1122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

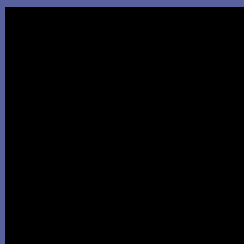
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 14.4708, 13.0927, 34.1122

Background



This preview shows how black text looks on a background with the XYZ color 14.4708, 13.0927, 34.1122.



This preview shows how white text looks on a background with the XYZ color 14.4708, 13.0927,

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

14.4708, 13.0927, 34.1122

Protanopia

13.9489, 13.0814, 35.0475

Deuteranopia

13.4120, 13.1194, 33.7237



Tritanopia

11.2290, 13.0824, 18.1530

Trichromacy



Original Color

14.4708, 13.0927, 34.1122

Protanomaly

14.1054, 13.0324, 34.5730

Deuteranomaly

13.7849, 13.1684, 33.7135

Tritanomaly

12.2552, 13.0447, 23.3447

Monochromacy



Original Color

14.4708, 13.0927, 34.1122

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

12.8939, 13.0063, 20.2432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4708, 13.0927, 34.1122 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(88, 97, 158)` looks like.

```
.text, #text, p{  
    color:rgb(88, 97, 158)  
}
```

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(88, 97, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 97, 158) }
```

Border

The CSS property to change the border of an element to XYZ 14.4708, 13.0927, 34.1122 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(88, 97, 158) }
```


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

```
.border{ border-color:rgb(88, 97, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 97, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 97, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 97, 158);  
box-shadow:4px 4px 4px 4px rgb(88, 97,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4708, 13.0927, 34.1122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 97, 158) }
```

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

```
.background{ background-color: rgb(88, 97,  
158) }
```

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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