

Converting Colors

XYZ(14.4711, 13.3707, 34.1658)

Have a look what the booklet for
XYZ(14.4711, 13.3707, 34.1658)
contains.

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Color

**XYZ(14.4711, 13.3707,
34.1658)**

Conversions

Conversions Part 1

Format	Color
Hex	56639E
RGB	86, 99, 158
RGB Percent	34%, 39%, 62%
CMY	0.6627, 0.6118, 0.3804
CMYK	0.46, 0.37, 0.00, 0.38
HSL	229°, 30%, 48%
HSV	229°, 46%, 62%
XYZ	14.4711, 13.3707, 34.1658
YIQ	101.8390, -26.6870, 15.5930

Conversions

Conversions Part 2

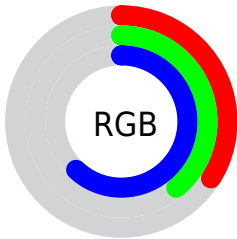
Format	Color
R_{YB}	86, 97, 158
Decimal	5661598
CIE _{Lab}	43.32, 11.31, -33.64
CIE _{LCh}	43, 35.488, 288.589
Yxy	13.3707, 0.2334, 0.2156
Android (android.graphics.Color)	4283851678 (0xFF56639E)
YUV	101.8390, 27.6874, -13.8908
Hunter-Lab	36.5660, 6.6515, -29.8021

Details

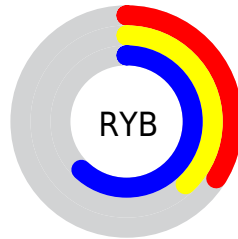
The XYZ color **14.4711, 13.3707, 34.1658** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **25.9061, 28.1924, 12.8810**, and the grayscale version is **12.5228, 13.1749, 14.3475**.

A 20% lighter version of the original color is **33.5640, 32.1058, 67.3788**, and **4.5018, 3.9101, 14.1531** is the 20% darker color. If you saturate the color by 10%, you get **12.0441, 10.4425, 33.7288**, and if you desaturate by 10%, it is **17.4173, 16.8590, 34.6841**.

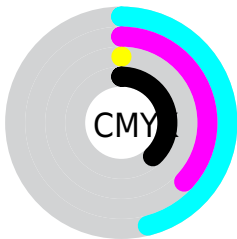
Distribution



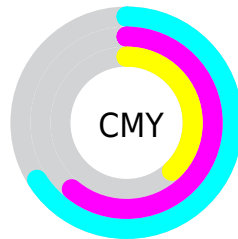
- Red (34%)
- Green (39%)
- Blue (62%)



- Red (34%)
- Yellow (38%)
- Blue (62%)



- Cyan (46%)
- Magenta (37%)
- Yellow (0%)
- Black (38%)



- Cyan (66%)
- Magenta (61%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.4711, 13.3707, 34.1658 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 14.4711, 13.3707, 34.1658 by changing the saturation by 10% instead.

■ 14.4711, 13.3707,
34.1658

■ 14.4711, 13.3707,
34.1658

213.5947,
213.2800, 335.6624

■ 8.5329, 7.6843,
22.7426

■ 33.5019, 31.9682,
67.3283

■ 4.4925, 3.8936,
14.2001

■ 47.3253, 45.6480,
89.9046

■ 1.9843, 1.6142,
8.1196

■ 64.5079, 62.7612,
117.0358

■ 0.6251, 0.3672,
4.0827

■ 85.4148, 83.6920,
149.1402

■ 0.0000, 0.0000,
1.6708

110.4117,
108.8249, 186.6366

■ 0.0000, 0.0000,
0.3406

139.8637,

■ 0.0000, 0.0000,

138.5443, 229.9434

0.0000

174.1362,
173.2345, 279.4792

■ 14.4711, 13.3707,
34.1658

■ 14.4711, 13.3707,
34.1658

■ 12.0441, 10.4425,
33.7288

■ 17.4173, 16.8590,
34.6841

■ 10.1042, 8.0432,
33.3679

■ 20.9095, 20.9335,
35.2865

■ 8.6175, 6.1407,
33.0790

■ 24.9743, 25.6203,
35.9769

■ 7.5454, 4.6985,
32.8572

■ 29.6362, 30.9434,
36.7587

■ 6.8389, 3.6730,
32.6965

■ 34.9181, 36.9258,
37.6350

■ 6.5994, 3.3243,
32.6418

■ 40.8418, 43.5891,
38.6089

■ 47.4280, 50.9539,
39.6833

■ 54.6965, 59.0400,
40.8610

■ 62.6663, 67.8665,
42.1446

Harmonies

Analogous

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



11.6900, 13.3707, 35.0404



14.4711, 13.3707, 34.1658



17.1047, 13.3707, 27.0601

Triad

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



14.4711, 13.3707, 34.1658



16.5400, 13.3707, 5.8935



8.1950, 13.3707, 11.7611

Complementary

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



14.4711, 13.3707, 34.1658



25.9061, 28.1924, 12.8810

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.



9.1385, 13.3707, 6.6586



14.4711, 13.3707, 34.1658



13.7844, 13.3707, 4.1827

Square

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



14.4711, 13.3707, 34.1658



18.4130, 13.3707, 10.2419



11.0951, 13.3707, 4.4002



8.3236, 13.3707, 19.9437

Rectangle

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



14.4711, 13.3707, 34.1658



18.2991, 13.3707, 20.8215



11.0951, 13.3707, 4.4002



8.3910, 13.3707, 9.6971

Sweetspot

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



14.4716, 13.3712, 34.1661



46.3869, 47.7113, 65.5078



21.1604, 28.4706, 31.0878



10.0913, 10.3360, 14.7068



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.



14.4716, 13.3712, 34.1661



21.6727, 18.7201, 61.2145



15.7820, 12.3633, 33.9025



6.3768, 6.6194, 8.3483



5.3074, 2.7063, 26.1499



0.1184, 0.0953, 0.4754

Inverse Universe

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



19.6809, 14.8261, 13.6292



32.5228, 22.2227, 18.3335



23.9309, 30.2934, 13.3906



6.6795, 6.6647, 7.1636



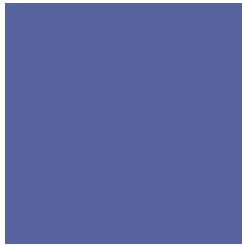
11.4771, 5.8954, 1.4975



0.2171, 0.1101, 0.0891

Previews

White Background



This preview shows how the XYZ color 14.4711, 13.3707, 34.1658 looks on a white background.

Color Contrast Check

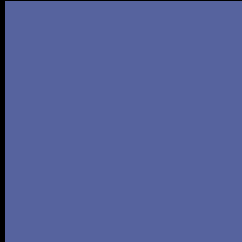
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.4711, 13.3707, 34.1658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

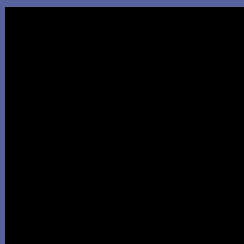
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

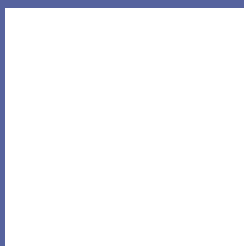
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 14.4711, 13.3707, 34.1658

Background



This preview shows how black text looks on a background with the XYZ color 14.4711, 13.3707, 34.1658.



This preview shows how white text looks on a background with the XYZ color 14.4711, 13.3707,

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

14.4711, 13.3707, 34.1658

Protanopia

14.2085, 13.3669, 34.6321

Deuteranopia

13.6612, 13.3929, 33.7634



Tritanopia

11.3390, 13.4419, 18.5199

Trichromacy



Original Color

14.4711, 13.3707, 34.1658

Protanomaly

14.3825, 13.4565, 34.6402

Deuteranomaly

13.8814, 13.3614, 33.7457

Tritanomaly

12.2902, 13.3615, 23.4040

Monochromacy



Original Color

14.4711, 13.3707, 34.1658

Achromatopsia

12.6291, 13.2868, 14.4694

Achromatomaly

12.9904, 13.1993, 20.2754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.4711, 13.3707, 34.1658 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, 99, 158) looks like.

```
.text, #text, p{  
    color:rgb(86, 99, 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(86, 99, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 99, 158) }
```

Border

The CSS property to change the border of an element to XYZ 14.4711, 13.3707, 34.1658 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, 99, 158) }
```


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

```
.border{ border-color:rgb(86, 99, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 99, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 99, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 99, 158);  
box-shadow:4px 4px 4px 4px rgb(86, 99,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 14.4711, 13.3707, 34.1658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 99, 158) }
```

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

```
.background{ background-color: rgb(86, 99,  
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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