

Converting Colors

XYZ(34.5611, 37.3488, 58.1178)

Have a look what the booklet for
XYZ(34.5611, 37.3488, 58.1178)
contains.

XYZ(34.5619, 37.4398, 58.2283)	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(34.5619, 37.4398,
58.2283)**

Conversions

Conversions Part 1

Format	Color
Hex	8AA8C5
RGB	138, 168, 197
RGB Percent	54%, 66%, 77%
CMY	0.4588, 0.3412, 0.2274
CMYK	0.30, 0.15, 0.00, 0.23
HSL	209°, 34%, 66%
HSV	209°, 30%, 77%
XYZ	34.5619, 37.4398, 58.2283
YIQ	162.3360, -27.1890, 2.6590

Conversions

Conversions Part 2

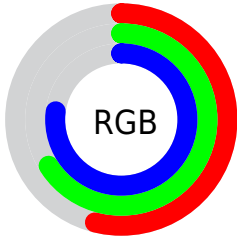
Format	Color
RYB	138, 158, 197
Decimal	9087173
CIELab	67.61, -3.49, -18.19
CIELCh	68, 18.522, 259.144
Yxy	37.4398, 0.2654, 0.2875
Android (android.graphics.Color)	4287277253 (0xFF8AA8C5)
YUV	162.3360, 17.0894, -21.3427
Hunter-Lab	61.1881, -6.2539, -13.5904

Details

The XYZ color **34.5619, 37.4398, 58.2283** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **41.4326, 41.3430, 29.8420**, and the grayscale version is **34.4326, 36.2258, 39.4499**.

A 20% lighter version of the original color is **66.2694, 71.2686, 104.0294**, and **15.0411, 16.4524, 28.3695** is the 20% darker color. If you saturate the color by 10%, you get **29.8722, 32.4674, 57.5163**, and if you desaturate by 10%, it is **39.9783, 42.9862, 59.0140**.

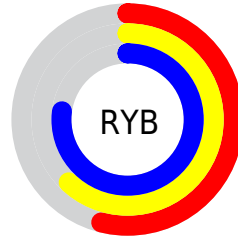
Distribution



Red (54%)

Green (66%)

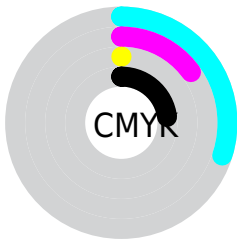
Blue (77%)



Red (54%)

Yellow (62%)

Blue (77%)

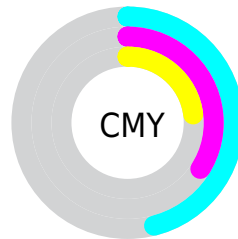


Cyan (30%)

Magenta (15%)

Yellow (0%)

Black (23%)



Cyan (46%)

Magenta (34%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5619, 37.4398, 58.2283 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 34.5619, 37.4398, 58.2283 by changing the saturation by 10% instead.

■ 34.5619, 37.4398,
58.2283

■ 34.5619, 37.4398,
58.2283

314.1723,
335.2107, 435.6581

■ 23.4905, 25.5482,
41.5763

■ 66.1450, 71.2487,
103.7733

■ 15.0788, 16.4859,
28.4466

■ 87.3875, 93.9347,
133.5034

■ 8.9614, 9.8687,
18.4206

■ 112.7510,
120.9878, 168.4299

■ 4.7729, 5.3120,
11.0798

142.6010,
152.7921, 208.9714

■ 2.1480, 2.4314,
6.0057

177.3028,
189.7322, 255.5464

■ 0.7151, 0.8420,
2.7797

217.2217,

■ 0.0000, 0.0000,

232.1924, 308.5735

0.9833

262.7231,
280.5571, 368.4712

■ 0.0000, 0.0000,
0.0000

■ 34.5619, 37.4398,
58.2283

■ 34.5619, 37.4398,
58.2283

■ 29.8722, 32.4674,
57.5163

■ 39.9783, 42.9862,
59.0140

■ 25.8707, 28.0422,
56.8731

■ 46.1501, 49.1229,
59.8732

■ 22.5207, 24.1418,
56.2968

■ 53.1089, 55.8712,
60.8090

■ 19.7801, 20.7399,
55.7846

■ 60.8832, 63.2494,
61.8234

■ 17.6014, 17.8072,
55.3334

■ 69.5001, 71.2756,
62.9185

■ 15.9287, 15.3100,
54.9395

■ 78.5413, 79.7376,
64.0753

■ 14.6583, 13.1896,
54.5972

■ 81.2506, 85.1562,
64.9784

■ 14.6522, 13.1794,
54.5956

■ 84.1110, 90.8770,
65.9318

■ 87.0782, 96.8113,
66.9209

Harmonies

Analogous

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



32.1153, 37.4398, 53.8438



34.5619, 37.4398, 58.2283



37.4153, 37.4398, 57.4860

Triad

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



34.5619, 37.4398, 58.2283



41.0248, 37.4398, 35.8263



31.5945, 37.4398, 31.3256

Complementary

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



34.5619, 37.4398, 58.2283



41.4326, 41.3430, 29.8420

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.



33.8162, 37.4398, 27.6493



34.5619, 37.4398, 58.2283



39.2969, 37.4398, 29.9976

Square

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



34.5619, 37.4398, 58.2283



41.2508, 37.4398, 43.7976



36.6289, 37.4398, 27.1980



30.4640, 37.4398, 37.8768

Rectangle

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



34.5619, 37.4398, 58.2283



39.1628, 37.4398, 54.2081



36.6289, 37.4398, 27.1980



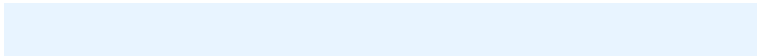
32.2328, 37.4398, 29.7522

Sweetspot

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



34.5631, 37.4413, 58.2292



83.6115, 88.9173, 107.3637



37.3787, 48.1087, 43.6421



17.5245, 18.6670, 22.9294



0.0000, 0.0000, 0.0000



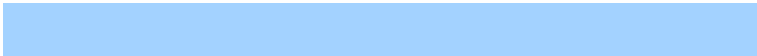
20.3446, 21.4041, 23.3091

Same Dimension

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



34.5631, 37.4413, 58.2292



56.2124, 61.0619, 103.4312



29.7904, 27.8959, 56.6383



10.4950, 11.1641, 13.5192



9.7211, 8.8362, 35.9376



0.5327, 0.5632, 1.7258

Inverse Universe

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



39.1833, 32.8754, 41.3279



65.9907, 52.1727, 67.4871



47.3578, 53.1934, 31.8170



10.8551, 10.7254, 12.2205



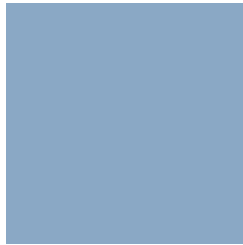
16.7061, 8.4320, 8.9282



0.8276, 0.4139, 0.6151

Previews

White Background



This preview shows how the XYZ color 34.5619, 37.4398, 58.2283 looks on a white background.

Color Contrast Check

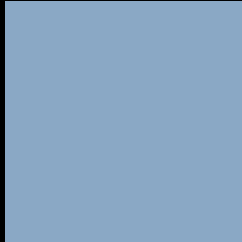
Large Text (above 18pt) WCAG AA × Fail

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 34.5619, 37.4398, 58.2283 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

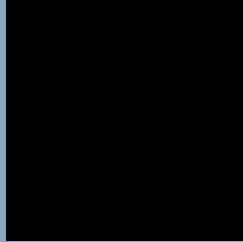
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

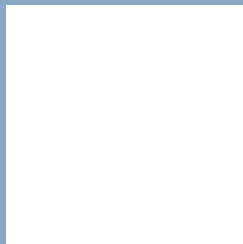
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.5619, 37.4398, 58.2283

Background



This preview shows how black text looks on a background with the XYZ color 34.5619, 37.4398, 58.2283.



This preview shows how white text looks on a background with the XYZ color 34.5619, 37.4398,

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

34.5619, 37.4398, 58.2283

Protanopia

36.9353, 37.3585, 56.3032

Deuteranopia

38.1579, 37.3998, 59.2406



Tritanopia

33.0181, 37.3610, 50.8186

Trichromacy



Original Color

34.5619, 37.4398, 58.2283

Protanomaly

36.0680, 37.4297, 56.9534

Deuteranomaly

36.7949, 37.4982, 58.7246

Tritanomaly

33.5266, 37.2843, 53.5737

Monochromacy



Original Color

34.5619, 37.4398, 58.2283

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.1502, 36.4184, 45.7870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5619, 37.4398, 58.2283 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(138, 168, 197)` looks like.

```
.text, #text, p{  
    color:rgb(138, 168, 197)  
}
```

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(138, 168, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 168, 197) }
```

Border

The CSS property to change the border of an element to XYZ 34.5619, 37.4398, 58.2283 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(138, 168, 197) }
```


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

```
.border{ border-color:rgb(138, 168, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 168, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 168, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 168, 197);  
box-shadow:4px 4px 4px 4px rgb(138, 168,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5619, 37.4398, 58.2283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 168, 197) }
```

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

```
.background{ background-color: rgb(138,  
168, 197) }
```

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