

Converting Colors

XYZ(34.0979, 38.5289, 91.8671)

Have a look what the booklet for
XYZ(34.0979, 38.5289, 91.8671)
contains.

XYZ(34.0582, 38.4108, 92.0052)	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(34.0582, 38.4108,
92.0052)**

Conversions

Conversions Part 1

Format	Color
Hex	42AFF5
RGB	66, 175, 245
RGB Percent	26%, 69%, 96%
CMY	0.7411, 0.3137, 0.0392
CMYK	0.73, 0.29, 0.00, 0.04
HSL	203°, 90%, 61%
HSV	203°, 73%, 96%
XYZ	34.0582, 38.4108, 92.0052
YIQ	150.3890, -87.4340, -1.3380

Conversions

Conversions Part 2

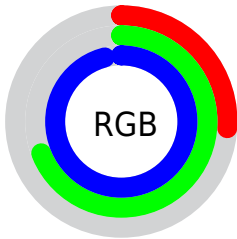
Format	Color
R _{YB}	66, 134, 245
Decimal	4370421
CIE Lab	68.32, -8.32, -43.70
CIE LCh	68, 44.482, 259.220
Yxy	38.4108, 0.2071, 0.2335
Android (android.graphics.Color)	4282560501 (0xFF42AFF5)
YUV	150.3890, 46.6432, -74.0092
Hunter-Lab	61.9764, -10.3669, -44.6336

Details

The XYZ color **34.0582, 38.4108, 92.0052** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **47.4461, 37.4178, 9.8779**, and the grayscale version is **28.9913, 30.5011, 33.2157**.

A 20% lighter version of the original color is **56.3385, 68.9645, 104.9499**, and **16.1601, 17.7968, 50.1603** is the 20% darker color. If you saturate the color by 10%, you get **30.9477, 34.1369, 91.3450**, and if you desaturate by 10%, it is **38.0101, 43.3161, 92.7445**.

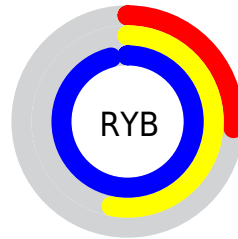
Distribution



Red (26%)

Green (69%)

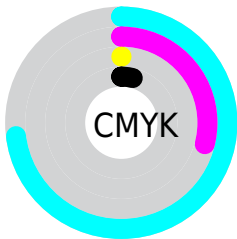
Blue (96%)



Red (26%)

Yellow (53%)

Blue (96%)

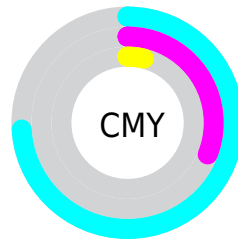


Cyan (73%)

Magenta (29%)

Yellow (0%)

Black (4%)



Cyan (74%)

Magenta (31%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.0582, 38.4108, 92.0052 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 34.0582, 38.4108, 92.0052 by changing the saturation by 10% instead.

■ 34.0582, 38.4108,
92.0052

■ 34.0582, 38.4108,
92.0052

311.9728,
339.3789, 555.2699

■ 23.1014, 26.3017,
69.0619

■ 65.3679, 72.7374,
152.0804

■ 14.7895, 17.0495,
50.2900

■ 86.4514, 95.7236,
190.0493

■ 8.7571, 10.2698,
35.2711

■ 111.6413,
123.1043, 233.8638

■ 4.6390, 5.5782,
23.5866

■ 141.3029,
155.2639, 283.9426

■ 2.0696, 2.5903,
14.8179

175.8014,
192.5867, 340.7040

■ 0.6726, 0.9218,
8.5465

215.5024,

■ 0.0000, 0.0000,

235.4573, 404.5666

4.3538

260.7711,
284.2599, 475.9491

■ 0.0000, 0.0000,
1.8214

■ 0.0000, 0.0000,
0.4420

■ 34.0582, 38.4108,
92.0052

■ 34.0582, 38.4108,
92.0052

■ 30.9477, 34.1369,
91.3450

■ 38.0101, 43.3161,
92.7445

■ 28.5745, 30.4349,
90.7555

■ 42.8821, 48.8955,
93.5647

■ 27.2584, 28.1463,
90.3831

■ 48.7477, 55.1913,
94.4707

■ 55.6711, 62.2404,
95.4664

■ 63.7109, 70.0765,
96.5552

■ 72.9212, 78.7310,
97.7403

■ 83.3522, 88.2333,
99.0246

■ 92.4235, 97.2565,
100.2882

■ 93.4816, 99.3726,
100.6409

Harmonies

Analogous

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



28.4344, 38.4108, 78.1473



34.0582, 38.4108, 92.0052



41.1012, 38.4108, 89.5537

Triad

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



34.0582, 38.4108, 92.0052



50.6846, 38.4108, 30.4152



27.2697, 38.4108, 21.4259

Complementary

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



34.0582, 38.4108, 92.0052



47.4461, 37.4178, 9.8779

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.



32.2710, 38.4108, 15.0378



34.0582, 38.4108, 92.0052



45.9819, 38.4108, 18.9683

Square

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



34.0582, 38.4108, 92.0052



51.3228, 38.4108, 49.4216



39.0732, 38.4108, 14.3104



24.8601, 38.4108, 35.0458

Rectangle

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



34.0582, 38.4108, 92.0052



45.6568, 38.4108, 79.1705



39.0732, 38.4108, 14.3104



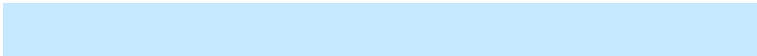
28.6716, 38.4108, 18.5747

Sweetspot

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



34.0596, 38.4121, 92.0062



70.7327, 77.6604, 105.8697



39.2472, 68.2029, 33.8794



14.5934, 16.0994, 22.5883



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.



34.0596, 38.4121, 92.0062



32.4661, 35.2311, 99.6969



22.1289, 14.5507, 88.0293



16.4210, 17.6063, 21.0754



14.8232, 15.4401, 48.7370



1.4026, 1.5566, 4.3168

Inverse Universe

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



47.3436, 26.4058, 43.1601



48.7170, 25.0182, 38.9376



65.3280, 73.1815, 15.8385



16.9231, 16.6521, 19.3415



23.2866, 11.6581, 16.7493



2.0970, 1.0448, 1.7373

Previews

White Background



This preview shows how the XYZ color 34.0582, 38.4108, 92.0052 looks on a white background.

Color Contrast Check

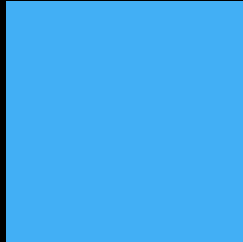
Large Text (above 18pt) WCAG AA × Fail

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 34.0582, 38.4108, 92.0052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

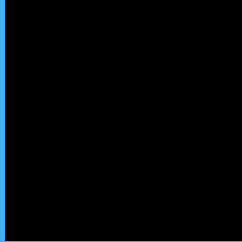
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

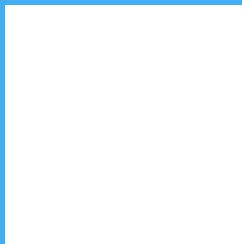
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.0582, 38.4108, 92.0052

Background



This preview shows how black text looks on a background with the XYZ color 34.0582, 38.4108, 92.0052.

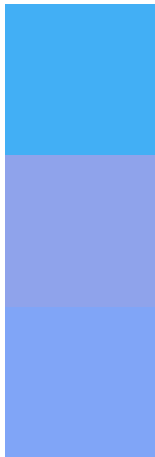


This preview shows how white text looks on a background with the XYZ color 34.0582, 38.4108,

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

34.0582, 38.4108, 92.0052

Protanopia

39.4203, 38.0322, 83.8605

Deuteranopia

39.1457, 38.2149, 93.3087



Tritanopia

27.6463, 38.5061, 60.0081

Trichromacy



Original Color

34.0582, 38.4108, 92.0052

Protanomaly

36.4689, 37.5143, 86.9802

Deuteranomaly

36.6482, 38.0330, 92.5983

Tritanomaly

29.5782, 38.3457, 70.8083

Monochromacy



Original Color

34.0582, 38.4108, 92.0052

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.7628, 32.2210, 50.6023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.0582, 38.4108, 92.0052 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(66, 175, 245)` looks like.

```
.text, #text, p{  
    color:rgb(66, 175, 245)  
}
```

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(66, 175, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 175, 245) }
```

Border

The CSS property to change the border of an element to XYZ 34.0582, 38.4108, 92.0052 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(66, 175, 245) }
```


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

```
.border{ border-color:rgb(66, 175, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 175, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 175, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 175, 245);  
box-shadow:4px 4px 4px 4px rgb(66, 175,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 34.0582, 38.4108, 92.0052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 175, 245) }
```

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

```
.background{ background-color: rgb(66, 175,  
245) }
```

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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