

Converting Colors

XYZ(36.3482, 38.9822, 93.6043)

Have a look what the booklet for
XYZ(36.3482, 38.9822, 93.6043)
contains.

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Color

**XYZ(36.3482, 38.9822,
93.6043)**

Conversions

Conversions Part 1

Format	Color
Hex	5EADF7
RGB	94, 173, 247
RGB Percent	37%, 68%, 97%
CMY	0.6313, 0.3216, 0.0314
CMYK	0.62, 0.30, 0.00, 0.03
HSL	209°, 91%, 67%
HSV	209°, 62%, 97%
XYZ	36.3482, 38.9822, 93.6043
YIQ	157.8150, -70.8380, 6.2660

Conversions

Conversions Part 2

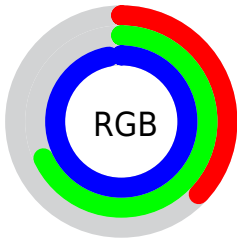
Format	Color
R _{YB}	94, 146, 247
Decimal	6204919
CIE Lab	68.74, -2.33, -44.07
CIE LCh	69, 44.131, 266.979
Yxy	38.9822, 0.2152, 0.2308
Android (android.graphics.Color)	4284394999 (0xFF5EADF7)
YUV	157.8150, 43.9682, -55.9658
Hunter-Lab	62.4357, -5.3452, -45.1832

Details

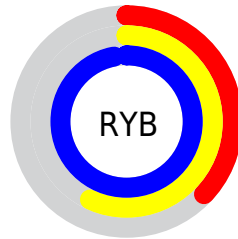
The XYZ color **36.3482, 38.9822, 93.6043** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **54.3830, 48.5908, 17.1044**, and the grayscale version is **32.2474, 33.9268, 36.9463**.

A 20% lighter version of the original color is **59.5037, 69.7747, 104.9394**, and **16.1316, 17.3924, 51.2220** is the 20% darker color. If you saturate the color by 10%, you get **32.0194, 33.5010, 92.7753**, and if you desaturate by 10%, it is **41.6948, 45.2934, 94.5415**.

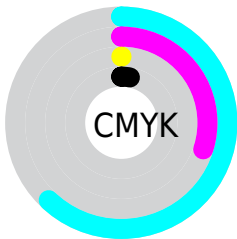
Distribution



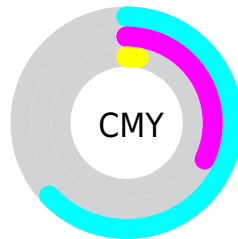
- Red (37%)
- Green (68%)
- Blue (97%)



- Red (37%)
- Yellow (57%)
- Blue (97%)



- Cyan (62%)
- Magenta (30%)
- Yellow (0%)
- Black (3%)



- Cyan (63%)
- Magenta (32%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3482, 38.9822, 93.6043 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 36.3482, 38.9822, 93.6043 by changing the saturation by 10% instead.

■ 36.3482, 38.9822,
93.6043

■ 36.3482, 38.9822,
93.6043

321.8847,
341.8148, 560.5569

■ 24.8746, 26.7459,
70.3834

■ 68.8895, 73.6111,
154.3139

■ 16.1119, 17.3825,
51.3604

■ 90.6880, 96.7725,
192.6397

■ 9.6947, 10.5076,
36.1168

■ 116.6587,
124.3444, 236.8376

■ 5.2577, 5.7368,
24.2340

■ 147.1671,
156.7111, 287.3261

■ 2.4356, 2.6857,
15.2935

182.5786,
194.2572, 344.5237

■ 0.8629, 0.9699,
8.8767

223.2584,

■ 0.0000, 0.0000,

237.3669, 408.8490

4.5652

269.5720,
286.4246, 480.7206

■ 0.0000, 0.0000,
1.9402

■ 0.0000, 0.0000,
0.5182

■ 36.3482, 38.9822,
93.6043

■ 36.3482, 38.9822,
93.6043

■ 32.0194, 33.5010,
92.7753

■ 41.6948, 45.2934,
94.5415

■ 28.6183, 28.7937,
92.0459

■ 48.1299, 52.4769,
95.5889

■ 26.0439, 24.8005,
91.4108

■ 55.7223, 60.5761,
96.7520

■ 24.4469, 22.0320,
90.9606

■ 64.5333, 69.6298,
98.0351

■ 74.6200, 79.6741,
99.4423

■ 86.0353, 90.7432,
100.9772

■ 93.7887, 99.4955,
102.2579

Harmonies

Analogous

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



30.2042, 38.9822, 83.5520



36.3482, 38.9822, 93.6043



43.4842, 38.9822, 86.7760

Triad

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



36.3482, 38.9822, 93.6043



50.3547, 38.9822, 27.2777



26.8930, 38.9822, 24.7460

Complementary

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



36.3482, 38.9822, 93.6043



54.3830, 48.5908, 17.1044

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.



31.2865, 38.9822, 16.5673



36.3482, 38.9822, 93.6043



44.8624, 38.9822, 17.6735

Square

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



36.3482, 38.9822, 93.6043



52.1459, 38.9822, 44.5042



37.7636, 38.9822, 14.4567



25.1932, 38.9822, 40.4503

Rectangle

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



36.3482, 38.9822, 93.6043



47.7630, 38.9822, 74.4658



37.7636, 38.9822, 14.4567



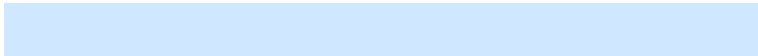
28.0745, 38.9822, 21.2400

Sweetspot

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



36.3496, 38.9835, 93.6053



72.3911, 77.8897, 105.8265



44.9418, 71.7278, 48.5000



14.8598, 16.0327, 22.5614



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.



36.3496, 38.9835, 93.6053



33.5442, 34.8431, 99.5652



25.6397, 17.5637, 90.0353



16.2889, 17.3420, 21.0314



13.0721, 11.9380, 48.1533



1.2518, 1.2550, 4.2665

Inverse Universe

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



49.9047, 30.7985, 42.8507



49.8823, 27.8622, 37.7431



72.8655, 85.5559, 23.2653



16.8564, 16.6254, 18.9903



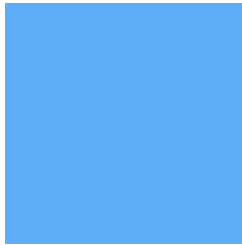
22.4027, 11.3045, 12.0949



2.0209, 1.0143, 1.3366

Previews

White Background



This preview shows how the XYZ color 36.3482, 38.9822, 93.6043 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 36.3482, 38.9822, 93.6043 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

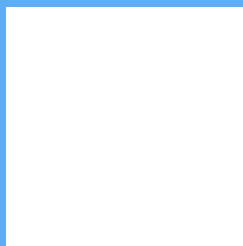
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.3482, 38.9822, 93.6043

Background



This preview shows how black text looks on a background with the XYZ color 36.3482, 38.9822, 93.6043.



This preview shows how white text looks on a background with the XYZ color 36.3482, 38.9822,

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

36.3482, 38.9822, 93.6043

Protanopia

40.1590, 38.5930, 87.7707

Deuteranopia

39.9410, 38.8578, 95.0177



Tritanopia

29.5373, 39.2003, 58.8330

Trichromacy



Original Color

36.3482, 38.9822, 93.6043

Protanomaly

38.4538, 38.4685, 90.1924

Deuteranomaly

38.4674, 38.9352, 94.2947

Tritanomaly

31.6103, 38.8088, 70.1148

Monochromacy



Original Color

36.3482, 38.9822, 93.6043

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.3831, 35.0630, 53.7763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3482, 38.9822, 93.6043 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(94, 173, 247)` looks like.

```
.text, #text, p{  
    color:rgb(94, 173, 247)  
}
```

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(94, 173, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 173, 247) }
```

Border

The CSS property to change the border of an element to XYZ 36.3482, 38.9822, 93.6043 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(94, 173, 247) }
```


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

```
.border{ border-color:rgb(94, 173, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 173, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 173, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 173, 247);  
box-shadow:4px 4px 4px 4px rgb(94, 173,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3482, 38.9822, 93.6043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 173, 247) }
```

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

```
.background{ background-color: rgb(94, 173,  
247) }
```

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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