

Converting Colors

XYZ(35.0546, 38.9371, 93.9478)

Have a look what the booklet for
XYZ(35.0546, 38.9371, 93.9478)
contains.

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Color

**XYZ(34.9425, 38.8312,
93.6492)**

Conversions

Conversions Part 1

Format	Color
Hex	4AAFF7
RGB	74, 175, 247
RGB Percent	29%, 69%, 97%
CMY	0.7098, 0.3137, 0.0314
CMYK	0.70, 0.29, 0.00, 0.03
HSL	205°, 92%, 63%
HSV	205°, 70%, 97%
XYZ	34.9425, 38.8312, 93.6492
YIQ	153.0090, -83.3080, 0.9800

Conversions

Conversions Part 2

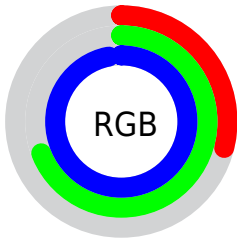
Format	Color
R _Y B	74, 138, 247
Decimal	4894711
CIE Lab	68.63, -6.59, -44.29
CIE LCh	69, 44.777, 261.532
Yxy	38.8312, 0.2087, 0.2319
Android (android.graphics.Color)	4283084791 (0xFF4A AFF7)
YUV	153.0090, 46.3376, -69.2909
Hunter-Lab	62.3147, -8.9581, -45.4833

Details

The XYZ color **34.9425, 38.8312, 93.6492** 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 **49.8749, 40.8297, 11.7327**, and the grayscale version is **30.1148, 31.6831, 34.5029**.

A 20% lighter version of the original color is **57.3313, 69.4763, 104.9963**, and **16.3772, 17.8836, 51.3039** is the 20% darker color. If you saturate the color by 10%, you get **31.4753, 34.1862, 92.9362**, and if you desaturate by 10%, it is **39.3108, 44.1681, 94.4499**.

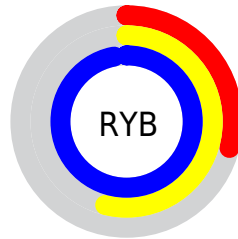
Distribution



Red (29%)

Green (69%)

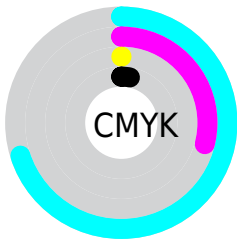
Blue (97%)



Red (29%)

Yellow (54%)

Blue (97%)

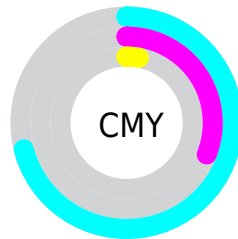


Cyan (70%)

Magenta (29%)

Yellow (0%)

Black (3%)



Cyan (71%)


Magenta (31%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9425, 38.8312, 93.6492 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 34.9425, 38.8312, 93.6492 by changing the saturation by 10% instead.


 34.9425, 38.8312,
93.6492


 34.9425, 38.8312,
93.6492


315.8269,
341.1723, 560.7049


 23.7849, 26.6284,
70.4206


 66.7313, 73.3804,
154.3766


 15.2980, 17.2944,
51.3905


 88.0932, 96.4956,
192.7124

 9.1165, 10.4446,
36.1406


 113.5872,
124.0171, 236.9210

 4.8749, 5.6947,
24.2523

 143.5787,
156.3292, 287.4209

 2.2081, 2.6604,
15.3069

178.4331,
193.8164, 344.6308

 0.7470, 0.9571,
8.8861

218.5157,

 0.0000, 0.0000,

236.8630, 408.9690

4.5711

264.1919,
285.8535, 480.8542

■ 0.0000, 0.0000,
1.9436

■ 0.0000, 0.0000,
0.5203

■ 34.9425, 38.8312,
93.6492

■ 34.9425, 38.8312,
93.6492

■ 31.4753, 34.1862,
92.9362

■ 39.3108, 44.1681,
94.4499

■ 28.8087, 30.1745,
92.3024

■ 44.6574, 50.2396,
95.3400

■ 26.7920, 26.7222,
91.7423

■ 51.0550, 57.0887,
96.3248

■ 58.5679, 64.7530,
97.4082

■ 67.2549, 73.2673,
98.5938

■ 77.1703, 82.6638,
99.8849

■ 88.3650, 92.9729,
101.2847

■ 93.7887, 99.4955,
102.2578

Harmonies

Analogous

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



29.0823, 38.8312, 80.6660



34.9425, 38.8312, 93.6492



42.1244, 38.8312, 89.8081

Triad

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



34.9425, 38.8312, 93.6492



51.0493, 38.8312, 29.5429



27.2564, 38.8312, 22.3949

Complementary

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



34.9425, 38.8312, 93.6492



49.8749, 40.8297, 11.7327

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.



32.1409, 38.8312, 15.4249



34.9425, 38.8312, 93.6492



46.0247, 38.8312, 18.5403

Square

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



34.9425, 38.8312, 93.6492



52.0493, 38.8312, 48.2752



38.9456, 38.8312, 14.2839



25.0308, 38.8312, 36.8040

Rectangle

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



34.9425, 38.8312, 93.6492



46.6729, 38.8312, 78.6251



38.9456, 38.8312, 14.2839



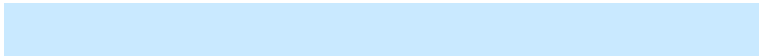
28.6098, 38.8312, 19.3234

Sweetspot

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



34.9439, 38.8325, 93.6502



71.3161, 77.8151, 105.8688



41.0596, 69.9679, 37.4100



14.6916, 16.0993, 22.5831



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.



34.9439, 38.8325, 93.6502



32.5654, 34.9051, 99.6287



23.3812, 15.7070, 89.7959



16.3850, 17.5343, 21.0634



14.3128, 14.4194, 48.5669



1.3593, 1.4700, 4.3023

Inverse Universe

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



48.5457, 27.7686, 43.3598



48.8952, 25.5797, 38.3644



67.8085, 76.6968, 17.7106



16.9049, 16.6448, 19.2458



23.0290, 11.5550, 15.3927



2.0752, 1.0360, 1.6222

Previews

White Background



This preview shows how the XYZ color 34.9425, 38.8312, 93.6492 looks on a white background.

Color Contrast Check

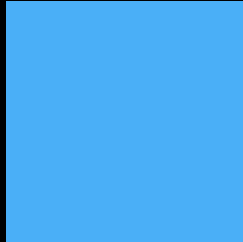
Large Text (above 18pt) WCAG AA × Fail

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 34.9425, 38.8312, 93.6492 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

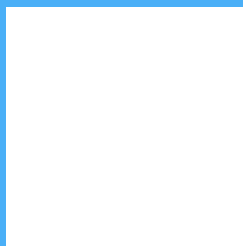
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.9425, 38.8312, 93.6492

Background



This preview shows how black text looks on a background with the XYZ color 34.9425, 38.8312, 93.6492.

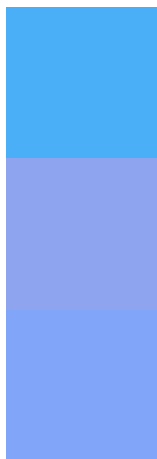


This preview shows how white text looks on a background with the XYZ color 34.9425, 38.8312,

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

34.9425, 38.8312, 93.6492

Protanopia

40.0358, 38.5636, 86.2223

Deuteranopia

39.4561, 38.3390, 94.9431



Tritanopia

28.2122, 38.7978, 60.0346

Trichromacy



Original Color

34.9425, 38.8312, 93.6492

Protanomaly

37.3510, 38.2077, 88.6253

Deuteranomaly

37.3156, 38.3414, 94.2408

Tritanomaly

30.2339, 38.6837, 70.8390

Monochromacy



Original Color

34.9425, 38.8312, 93.6492

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.0267, 33.3627, 51.8708

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9425, 38.8312, 93.6492 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(74, 175, 247)` looks like.

```
.text, #text, p{  
    color:rgb(74, 175, 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(74, 175, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 175, 247) }
```

Border

The CSS property to change the border of an element to XYZ 34.9425, 38.8312, 93.6492 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(74, 175, 247) }
```


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

```
.border{ border-color:rgb(74, 175, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 175, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 175, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 175, 247);  
box-shadow:4px 4px 4px 4px rgb(74, 175,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9425, 38.8312, 93.6492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 175, 247) }
```

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

```
.background{ background-color: rgb(74, 175,  
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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