

Converting Colors

XYZ(38.3425, 40.0694, 65.3878)

Have a look what the booklet for
XYZ(38.3425, 40.0694, 65.3878)
contains.

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Color

**XYZ(38.3425, 40.0694,
65.3878)**

Conversions

Conversions Part 1

Format	Color
Hex	95ABD0
RGB	149, 171, 208
RGB Percent	58%, 67%, 82%
CMY	0.4157, 0.3294, 0.1843
CMYK	0.28, 0.18, 0.00, 0.18
HSL	218°, 39%, 70%
HSV	218°, 28%, 82%
XYZ	38.3425, 40.0694, 65.3878
YIQ	168.6400, -24.9890, 6.8430

Conversions

Conversions Part 2

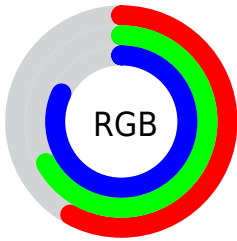
Format	Color
RYB	149, 165, 208
Decimal	9808848
CIELab	69.52, 0.83, -21.29
CIElCh	70, 21.306, 272.232
Yxy	40.0694, 0.2666, 0.2786
Android (android.graphics.Color)	4287998928 (0xFF95ABD0)
YUV	168.6400, 19.4045, -17.2243
Hunter-Lab	63.3004, -2.6542, -16.9349

Details

The XYZ color **38.3425, 40.0694, 65.3878** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.9968, 50.6982, 35.6383**, and the grayscale version is **37.4514, 39.4018, 42.9086**.

A 20% lighter version of the original color is **70.1482, 74.4501, 105.2808**, and **17.3593, 18.0681, 33.1444** is the 20% darker color. If you saturate the color by 10%, you get **32.5379, 33.5989, 64.4455**, and if you desaturate by 10%, it is **45.0706, 47.3787, 66.4447**.

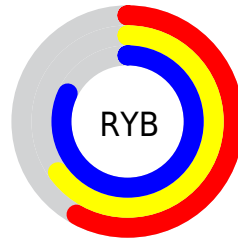
Distribution



Red (58%)

Green (67%)

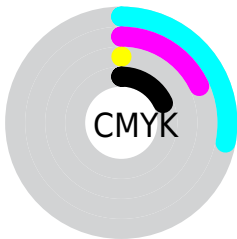
Blue (82%)



Red (58%)

Yellow (65%)

Blue (82%)

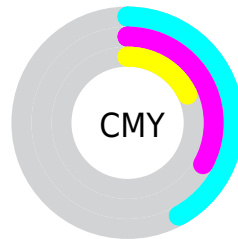


Cyan (28%)

Magenta (18%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (33%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3425, 40.0694, 65.3878 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 38.3425, 40.0694, 65.3878 by changing the saturation by 10% instead.

■ 38.3425, 40.0694,
65.3878

■ 38.3425, 40.0694,
65.3878

330.3424,
346.4160, 462.5285

■ 26.4270, 27.5927,
47.3223

■ 71.9333, 75.2692,
114.2258

■ 17.2777, 18.0188,
32.9343

■ 94.3394, 98.7610,
145.8354

■ 10.5292, 10.9635,
21.8054

120.9730,
126.6933, 182.7967

■ 5.8162, 6.0423,
13.5171

152.1996,
159.4505, 225.5283

■ 2.7732, 2.8708,
7.6507

188.3845,
197.4170, 274.4488

■ 1.0350, 1.0647,
3.7877

229.8930,

■ 0.0000, 0.0000,

240.9771, 329.9766

1.5096

277.0906,
290.5153, 392.5303

■ 0.0000, 0.0000,
0.2251

■ 0.0000, 0.0000,
0.0000

■ 38.3425, 40.0694,
65.3878

■ 38.3425, 40.0694,
65.3878

■ 32.5379, 33.5989,
64.4455

■ 45.0706, 47.3787,
66.4447

■ 27.6098, 27.9300,
63.6110

■ 52.7583, 55.5528,
67.6173

■ 23.5127, 23.0291,
62.8810

■ 61.4448, 64.6223,
68.9100

■ 20.1952, 18.8583,
62.2508

■ 71.1654, 74.6147,
70.3264

■ 17.5994, 15.3757,
61.7154

■ 81.9540, 85.5563,
71.8698

■ 15.6584, 12.5340,
61.2692

■ 86.5832, 93.7300,
73.2034

■ 14.2744, 10.2691,
60.9050

■ 88.3853, 97.3341,
73.8041

■ 14.0788, 9.9410,
60.8520

Harmonies

Analogous

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



35.0901, 40.0694, 62.5949



38.3425, 40.0694, 65.3878



41.7166, 40.0694, 61.6627

Triad

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



38.3425, 40.0694, 65.3878



43.9486, 40.0694, 34.2990



32.5351, 40.0694, 35.3971

Complementary

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



38.3425, 40.0694, 65.3878



48.9968, 50.6982, 35.6383

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.



34.6701, 40.0694, 29.5060



38.3425, 40.0694, 65.3878



41.2451, 40.0694, 28.9422

Square

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



38.3425, 40.0694, 65.3878



45.0722, 40.0694, 42.8964



37.8282, 40.0694, 27.3274



31.8596, 40.0694, 44.3694

Rectangle

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



38.3425, 40.0694, 65.3878



43.5473, 40.0694, 56.2680



37.8282, 40.0694, 27.3274



33.0993, 40.0694, 33.0399

Sweetspot

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



38.3438, 40.0710, 65.3887



82.6843, 87.0629, 107.0546



43.7488, 55.0212, 54.4267



17.2965, 18.2112, 22.8534



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.



38.3438, 40.0710, 65.3887



55.0630, 57.1789, 102.7422



35.8215, 33.1065, 64.1774



11.5197, 12.1296, 14.9777



8.8601, 6.3667, 37.9544



0.5706, 0.5064, 2.1472

Inverse Universe

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



44.1116, 37.8463, 43.5098



65.7972, 53.5758, 61.9039



52.1003, 59.7161, 37.2154



11.9884, 11.8801, 13.2149



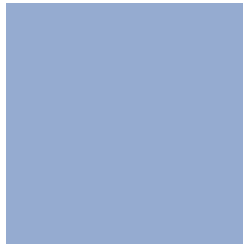
17.1029, 8.7140, 5.4479



0.9943, 0.5024, 0.5046

Previews

White Background



This preview shows how the XYZ color 38.3425, 40.0694, 65.3878 looks on a white background.

Color Contrast Check

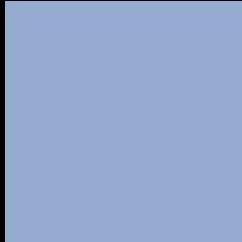
Large Text (above 18pt) WCAG AA × Fail

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 38.3425, 40.0694, 65.3878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

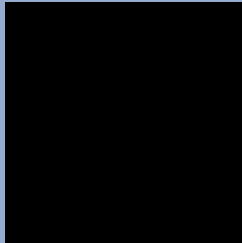
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

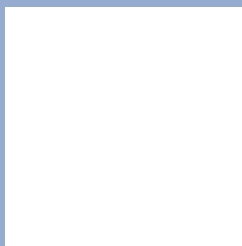
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.3425, 40.0694, 65.3878

Background



This preview shows how black text looks on a background with the XYZ color 38.3425, 40.0694, 65.3878.

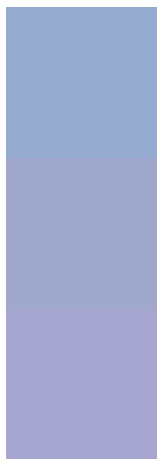


This preview shows how white text looks on a background with the XYZ color 38.3425, 40.0694,

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

38.3425, 40.0694, 65.3878

Protanopia

39.8412, 40.0386, 64.0209

Deuteranopia

40.8707, 39.9829, 65.8849



Tritanopia

35.8902, 39.9227, 53.3912

Trichromacy



Original Color

38.3425, 40.0694, 65.3878

Protanomaly

39.3551, 40.0490, 64.6875

Deuteranomaly

40.0085, 40.0823, 65.9496

Tritanomaly

36.6480, 39.9383, 57.4071

Monochromacy



Original Color

38.3425, 40.0694, 65.3878

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.8223, 39.8497, 50.4981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3425, 40.0694, 65.3878 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(149, 171, 208)` looks like.

```
.text, #text, p{  
    color:rgb(149, 171, 208)  
}
```

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(149, 171, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 171, 208) }
```

Border

The CSS property to change the border of an element to XYZ 38.3425, 40.0694, 65.3878 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(149, 171, 208) }
```


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

```
.border{ border-color:rgb(149, 171, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 171, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 171, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 171, 208);  
box-shadow:4px 4px 4px 4px rgb(149, 171,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3425, 40.0694, 65.3878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 171, 208) }
```

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

```
.background{ background-color: rgb(149,  
171, 208) }
```

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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