

Converting Colors

XYZ(38.9352, 40.8532, 69.4517)

Have a look what the booklet for
XYZ(38.9352, 40.8532, 69.4517)
contains.

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Color

**XYZ(38.9352, 40.8532,
69.4517)**

Conversions

Conversions Part 1

Format	Color
Hex	92ADD6
RGB	146, 173, 214
RGB Percent	57%, 68%, 84%
CMY	0.4274, 0.3216, 0.1608
CMYK	0.32, 0.19, 0.00, 0.16
HSL	216°, 45%, 71%
HSV	216°, 32%, 84%
XYZ	38.9352, 40.8532, 69.4517
YIQ	169.6010, -29.2530, 7.0270

Conversions

Conversions Part 2

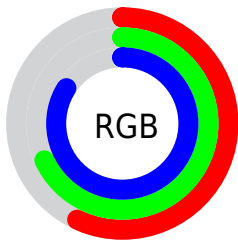
Format	Color
R _{YB}	146, 165, 214
Decimal	9612758
CIE _{Lab}	70.07, 0.34, -23.76
CIE _{LCh}	70, 23.763, 270.809
Yxy	40.8532, 0.2609, 0.2737
Android (android.graphics.Color)	4287802838 (0xFF92ADD6)
YUV	169.6010, 21.8887, -20.6981
Hunter-Lab	63.9165, -3.1193, -19.6830

Details

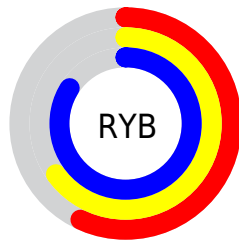
The XYZ color **38.9352, 40.8532, 69.4517** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **50.6908, 51.9125, 34.5437**, and the grayscale version is **37.9161, 39.8907, 43.4410**.

A 20% lighter version of the original color is **69.8808, 75.1243, 105.4251**, and **17.6096, 18.5051, 35.4446** is the 20% darker color. If you saturate the color by 10%, you get **33.1256, 34.3618, 68.5056**, and if you desaturate by 10%, it is **45.6984, 48.1928, 70.5126**.

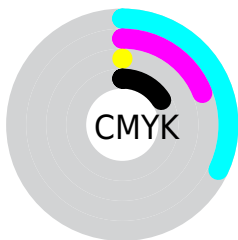
Distribution



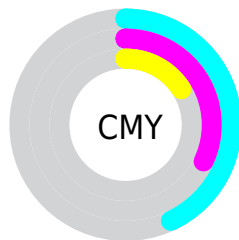
- Red (57%)
- Green (68%)
- Blue (84%)



- Red (57%)
- Yellow (65%)
- Blue (84%)



- Cyan (32%)
- Magenta (19%)
- Yellow (0%)
- Black (16%)



- Cyan (43%)
- Magenta (32%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9352, 40.8532, 69.4517 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 38.9352, 40.8532, 69.4517 by changing the saturation by 10% instead.

■ 38.9352, 40.8532,
69.4517

■ 38.9352, 40.8532,
69.4517

332.8268,
349.7067, 477.3595

■ 26.8898, 28.2044,
50.6056

■ 72.8340, 76.4610,
120.1003

■ 17.6266, 18.4798,
35.5203

■ 95.4182, 100.1888,
152.7399

■ 10.7803, 11.2950,
23.7772

122.2460,
128.3783, 190.8144

■ 5.9855, 6.2656,
14.9577

153.6827,
161.4141, 234.7423

■ 2.8769, 3.0073,
8.6434

190.0938,
199.6804, 284.9423

■ 1.0890, 1.1355,
4.4157

231.8447,

■ 0.0159, 0.0081,

243.5617, 341.8327

1.8561

279.3005,
293.4423, 405.8323

■ 0.0000, 0.0000,
0.4646

■ 0.0000, 0.0000,
0.0000

■ 38.9352, 40.8532,
69.4517

■ 38.9352, 40.8532,
69.4517

■ 33.1256, 34.3618,
68.5056

■ 45.6984, 48.1928,
70.5126

■ 28.2191, 28.6798,
67.6675

■ 53.4546, 56.4075,
71.6894

■ 24.1663, 23.7722,
66.9338

■ 62.2453, 65.5292,
72.9868

■ 20.9109, 19.5988,
66.2999

■ 72.1087, 75.5864,
74.4081

■ 18.3890, 16.1154,
65.7604

■ 83.0808, 86.6061,
75.9569

■ 16.5252, 13.2707,
65.3096

■ 87.6937, 94.7469,
77.2851

■ 15.3843, 11.3482,
64.9986

■ 89.1377, 97.6351,
77.7665

Harmonies

Analogous

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



35.3033, 40.8532, 65.8658



38.9352, 40.8532, 69.4517



42.7779, 40.8532, 65.4746

Triad

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



38.9352, 40.8532, 69.4517



45.5969, 40.8532, 34.4109



32.6736, 40.8532, 34.8532

Complementary

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



38.9352, 40.8532, 69.4517



50.6908, 51.9125, 34.5437

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.



35.1323, 40.8532, 28.5378



38.9352, 40.8532, 69.4517



42.5836, 40.8532, 28.3140

Square

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



38.9352, 40.8532, 69.4517



46.7781, 40.8532, 44.1811



38.7245, 40.8532, 26.3545



31.8369, 40.8532, 44.7846

Rectangle

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



38.9352, 40.8532, 69.4517



44.9043, 40.8532, 59.3972



38.7245, 40.8532, 26.3545



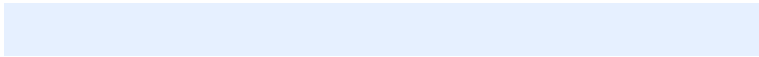
33.3293, 40.8532, 32.2997

Sweetspot

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



38.9365, 40.8548, 69.4526



81.5728, 86.0603, 106.9197



44.8498, 57.7843, 55.6922



17.0819, 18.0251, 22.8288



0.0000, 0.0000, 0.0000



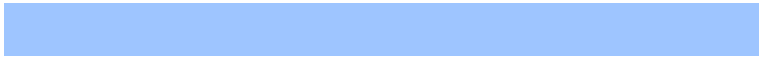
20.3446, 21.4041, 23.3091

Same Dimension

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



38.9365, 40.8548, 69.4526



52.0406, 54.2399, 102.3343



35.5167, 32.1668, 67.9559



12.1432, 12.8098, 15.7700



9.3939, 7.0496, 39.3188



0.6463, 0.5845, 2.3981

Inverse Universe

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



45.5543, 37.8722, 44.4460



63.5136, 49.7597, 58.8266



55.0238, 63.4635, 36.5449



12.6255, 12.5017, 13.9680



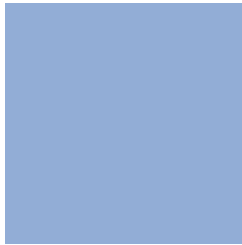
17.8005, 9.0565, 6.2533



1.1139, 0.5623, 0.5889

Previews

White Background



This preview shows how the XYZ color 38.9352, 40.8532, 69.4517 looks on a white background.

Color Contrast Check

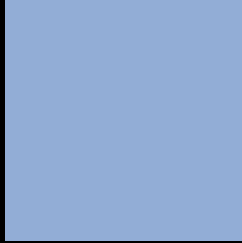
Large Text (above 18pt) WCAG AA × Fail

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 38.9352, 40.8532, 69.4517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

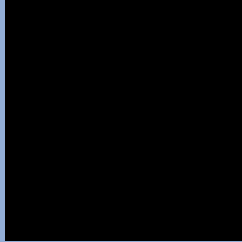
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

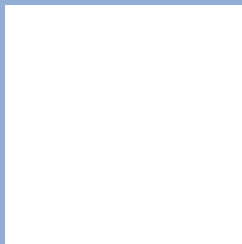
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.9352, 40.8532, 69.4517

Background



This preview shows how black text looks on a background with the XYZ color 38.9352, 40.8532, 69.4517.



This preview shows how white text looks on a background with the XYZ color 38.9352, 40.8532,

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

38.9352, 40.8532, 69.4517

Protanopia

40.6438, 40.6561, 67.3333

Deuteranopia

41.7854, 40.9109, 69.9842



Tritanopia

36.1106, 40.8686, 55.2754

Trichromacy



Original Color

38.9352, 40.8532, 69.4517

Protanomaly

39.9687, 40.5708, 68.0117

Deuteranomaly

40.7410, 40.9248, 70.0420

Tritanomaly

37.1618, 41.0138, 59.9907

Monochromacy



Original Color

38.9352, 40.8532, 69.4517

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.1238, 40.2481, 52.2137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9352, 40.8532, 69.4517 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(146, 173, 214)` looks like.

```
.text, #text, p{  
    color:rgb(146, 173, 214)  
}
```

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(146, 173, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 173, 214) }
```

Border

The CSS property to change the border of an element to XYZ 38.9352, 40.8532, 69.4517 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(146, 173, 214) }
```


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

```
.border{ border-color:rgb(146, 173, 214) }
```

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

Here you see how a box with a 4 pixel rgb(146, 173, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 173, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 173, 214);  
box-shadow:4px 4px 4px 4px rgb(146, 173,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9352, 40.8532, 69.4517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 173, 214) }
```

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

```
.background{ background-color: rgb(146,  
173, 214) }
```

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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