

Converting Colors

XYZ(34.6575, 38.2636, 49.9060)

Have a look what the booklet for
XYZ(34.6575, 38.2636, 49.9060)
contains.

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Color

**XYZ(34.6723, 38.2378,
49.8092)**

Conversions

Conversions Part 1

Format	Color
Hex	92AAB6
RGB	146, 170, 182
RGB Percent	57%, 67%, 71%
CMY	0.4274, 0.3333, 0.2863
CMYK	0.20, 0.07, 0.00, 0.29
HSL	200°, 20%, 64%
HSV	200°, 20%, 71%
XYZ	34.6723, 38.2378, 49.8092
YIQ	164.1920, -18.1560, -1.3560

Conversions

Conversions Part 2

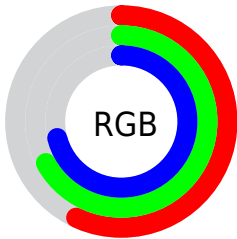
Format	Color
RYB	146, 160, 182
Decimal	9611958
CIELab	68.20, -5.65, -8.94
CIELCh	68, 10.576, 237.698
Yxy	38.2378, 0.2825, 0.3116
Android (android.graphics.Color)	4287802038 (0xFF92AAB6)
YUV	164.1920, 8.7793, -15.9544
Hunter-Lab	61.8367, -8.1280, -4.4721

Details

The XYZ color **34.6723, 38.2378, 49.8092** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.7070, 36.4743, 32.3006**, and the grayscale version is **35.3446, 37.1853, 40.4947**.

A 20% lighter version of the original color is **66.1772, 72.3028, 91.3568**, and **15.1602, 16.9747, 23.2463** is the 20% darker color. If you saturate the color by 10%, you get **30.5803, 34.4799, 49.3001**, and if you desaturate by 10%, it is **39.3342, 42.3693, 50.3616**.

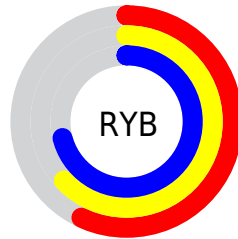
Distribution



Red (57%)

Green (67%)

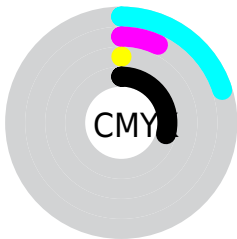
Blue (71%)



Red (57%)

Yellow (63%)

Blue (71%)

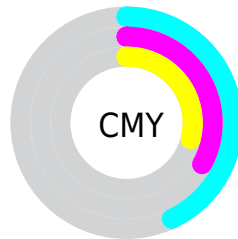


Cyan (20%)

Magenta (7%)

Yellow (0%)

Black (29%)



Cyan (43%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6723, 38.2378, 49.8092 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 34.6723, 38.2378, 49.8092 by changing the saturation by 10% instead.

■ 34.6723, 38.2378,
49.8092

■ 34.6723, 38.2378,
49.8092

314.6529,
338.6390, 402.6330

■ 23.5759, 26.1673,
34.8917

■ 66.3152, 72.4725,
91.2855

■ 15.1423, 16.9488,
23.2966

■ 87.5923, 95.4054,
118.6814

■ 9.0063, 10.1980,
14.6053

112.9938,
122.7280, 151.0738

■ 4.8024, 5.5305,
8.3993

142.8849,
154.8246, 188.8813

■ 2.1654, 2.5617,
4.2601

177.6310,
192.0796, 232.5225

■ 0.7244, 0.9075,
1.7691

217.5975,

■ 0.0000, 0.0000,

234.8774, 282.4158

0.4074

263.1497,
283.6024, 338.9798

■ 0.0000, 0.0000,
0.0000

■ 34.6723, 38.2378,
49.8092

■ 34.6723, 38.2378,
49.8092

■ 30.5803, 34.4799,
49.3001

■ 39.3342, 42.3693,
50.3616

■ 27.0296, 31.0770,
48.8305

■ 44.5858, 46.8828,
50.9560

■ 23.9945, 28.0157,
48.3995

■ 50.4504, 51.7922,
51.5945

■ 21.4455, 25.2796,
48.0058

■ 56.9489, 57.1092,
52.2783

■ 19.3499, 22.8509,
47.6474

■ 64.1009, 62.8451,
53.0084

■ 17.6706, 20.7093,
47.3226

■ 71.8509, 68.9719,
53.7826

■ 16.3642, 18.8313,
47.0289

■ 73.3432, 71.9566,
54.2800

■ 15.3442, 17.1711,
46.7622

■ 74.8926, 75.0553,
54.7965

■ 15.3228, 17.1358,
46.7566

■ 76.4996, 78.2693,
55.3321

Harmonies

Analogous

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



33.6026, 38.2378, 46.0089



34.6723, 38.2378, 49.8092



36.2164, 38.2378, 51.4046

Triad

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



34.6723, 38.2378, 49.8092



39.6120, 38.2378, 42.0010



34.8869, 38.2378, 34.0862

Complementary

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



34.6723, 38.2378, 49.8092



36.7070, 36.4743, 32.3006

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.



36.4716, 38.2378, 33.1880



34.6723, 38.2378, 49.8092



39.2303, 38.2378, 37.5464

Square

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



34.6723, 38.2378, 49.8092



39.0962, 38.2378, 46.6888



38.0683, 38.2378, 34.4070



33.7239, 38.2378, 36.9587

Rectangle

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



34.6723, 38.2378, 49.8092



37.3184, 38.2378, 50.9190



38.0683, 38.2378, 34.4070



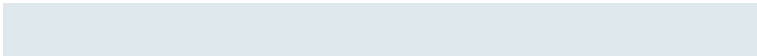
35.3865, 38.2378, 33.5533

Sweetspot

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



34.6734, 38.2394, 49.8101



74.6866, 79.7417, 91.6910



34.7028, 42.0157, 38.3593



16.3623, 17.4970, 20.2365



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.6734, 38.2394, 49.8101



59.3033, 66.0913, 89.8670



31.6243, 32.1410, 48.7937



9.0077, 9.6926, 11.4755



10.8837, 12.2270, 33.0395



0.4381, 0.5398, 1.1828

Inverse Universe

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



36.8269, 33.4061, 42.5389



64.0223, 55.8389, 73.8575



39.8884, 42.8370, 33.3611



9.2502, 9.1105, 10.6651



16.1073, 8.0167, 13.7175



0.5953, 0.2936, 0.6281

Previews

White Background



This preview shows how the XYZ color 34.6723, 38.2378, 49.8092 looks on a white background.

Color Contrast Check

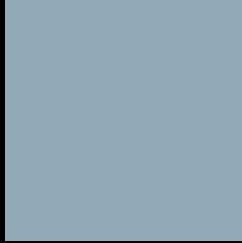
Large Text (above 18pt) WCAG AA × Fail

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 34.6723, 38.2378, 49.8092 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 34.6723, 38.2378, 49.8092

Background



This preview shows how black text looks on a background with the XYZ color 34.6723, 38.2378, 49.8092.



This preview shows how white text looks on a background with the XYZ color 34.6723, 38.2378,

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

34.6723, 38.2378, 49.8092

Protanopia

37.1089, 38.1643, 48.0584

Deuteranopia

38.8522, 37.9491, 50.6246



Tritanopia

34.7760, 38.2793, 50.3555

Trichromacy



Original Color

34.6723, 38.2378, 49.8092

Protanomaly

36.1575, 38.2018, 48.6480

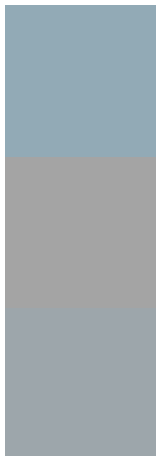
Deuteranomaly

37.1325, 37.8623, 50.1508

Tritanomaly

34.7760, 38.2793, 50.3555

Monochromacy



Original Color

34.6723, 38.2378, 49.8092

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.8915, 37.3808, 43.9043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6723, 38.2378, 49.8092 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, 170, 182) looks like.

```
.text, #text, p{  
    color:rgb(146, 170, 182)  
}
```

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, 170, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 170, 182) }
```

Border

The CSS property to change the border of an element to XYZ 34.6723, 38.2378, 49.8092 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, 170, 182) }
```


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

```
.border{ border-color:rgb(146, 170, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 170, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 170, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 170, 182);  
box-shadow:4px 4px 4px 4px rgb(146, 170,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6723, 38.2378, 49.8092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 170, 182) }
```

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

```
.background{ background-color: rgb(146,  
170, 182) }
```

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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