

Converting Colors

XYZ(38.1413, 39.7606, 66.3464)

Have a look what the booklet for
XYZ(38.1413, 39.7606, 66.3464)
contains.

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Color

**XYZ(38.2203, 39.6985,
66.6209)**

Conversions

Conversions Part 1

Format	Color
Hex	94AAD2
RGB	148, 170, 210
RGB Percent	58%, 67%, 82%
CMY	0.4196, 0.3333, 0.1765
CMYK	0.30, 0.19, 0.00, 0.18
HSL	219°, 41%, 70%
HSV	219°, 30%, 82%
XYZ	38.2203, 39.6985, 66.6209
YIQ	167.9820, -25.9520, 7.7760

Conversions

Conversions Part 2

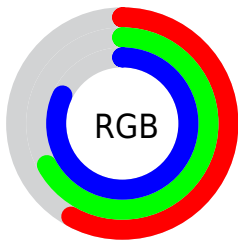
Format	Color
RYB	148, 164, 210
Decimal	9743058
CIELab	69.25, 1.58, -22.80
CIELCh	69, 22.855, 273.958
Yxy	39.6985, 0.2644, 0.2747
Android (android.graphics.Color)	4287933138 (0xFF94AAD2)
YUV	167.9820, 20.7149, -17.5242
Hunter-Lab	63.0067, -1.9825, -18.5862

Details

The XYZ color **38.2203, 39.6985, 66.6209** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **49.9074, 51.8065, 35.3873**, and the grayscale version is **37.1223, 39.0556, 42.5315**.

A 20% lighter version of the original color is **69.6038, 73.7669, 105.1777**, and **17.2187, 17.8102, 33.5405** is the 20% darker color. If you saturate the color by 10%, you get **32.3508, 33.0955, 65.6564**, and if you desaturate by 10%, it is **45.0432, 47.1834, 67.7067**.

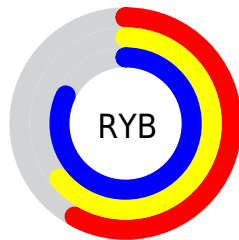
Distribution



Red (58%)

Green (67%)

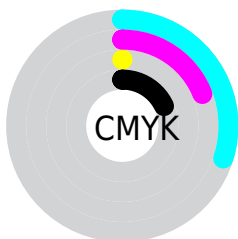
Blue (82%)



Red (58%)

Yellow (64%)

Blue (82%)

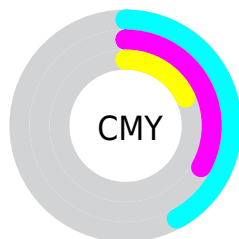


Cyan (30%)

Magenta (19%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (33%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.2203, 39.6985, 66.6209 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 38.2203, 39.6985, 66.6209 by changing the saturation by 10% instead.

■ 38.2203, 39.6985,
66.6209

■ 38.2203, 39.6985,
66.6209

329.8286,
344.8512, 467.0589

■ 26.3317, 27.3035,
48.3169

■ 71.7474, 74.7042,
116.0125

■ 17.2059, 17.8013,
33.7162

■ 94.1166, 98.0837,
147.9373

■ 10.4776, 10.8074,
22.4000

120.7101,
125.8935, 185.2393

■ 5.7815, 5.9375,
13.9500

151.8931,
158.5181, 228.3373

■ 2.7520, 2.8071,
7.9476

188.0312,
196.3417, 277.6497

■ 1.0240, 1.0319,
3.9741

229.4895,

■ 0.0000, 0.0000,

239.7488, 333.5951

1.6112

276.6335,
289.1239, 396.5919

■ 0.0000, 0.0000,
0.2988

■ 0.0000, 0.0000,
0.0000

■ 38.2203, 39.6985,
66.6209

■ 38.2203, 39.6985,
66.6209

■ 32.3508, 33.0955,
65.6564

■ 45.0432, 47.1834,
67.7067

■ 27.3857, 27.3346,
64.8062

■ 52.8577, 55.5784,
68.9152

■ 23.2772, 22.3800,
64.0664

■ 61.7046, 64.9160,
70.2513

■ 19.9712, 18.1906,
63.4320

■ 71.6209, 75.2259,
71.7187

■ 17.4066, 14.7214,
62.8975

■ 82.6420, 86.5362,
73.3209

■ 15.5126, 11.9213,
62.4569

■ 87.4613, 95.0898,
74.7179

■ 14.1730, 9.7146,
62.1015

■ 88.6330, 97.4332,
75.1085

■ 14.1167, 9.6206,
62.0864

Harmonies

Analogous

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



34.7250, 39.6985, 63.9892



38.2203, 39.6985, 66.6209



41.8030, 39.6985, 62.1983

Triad

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



38.2203, 39.6985, 66.6209



43.8781, 39.6985, 32.9122



31.7537, 39.6985, 34.9635

Complementary

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



38.2203, 39.6985, 66.6209



49.9074, 51.8065, 35.3873

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.



33.9347, 39.6985, 28.5652



38.2203, 39.6985, 66.6209



40.9082, 39.6985, 27.5222

Square

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



38.2203, 39.6985, 66.6209



45.2005, 39.6985, 41.8480



37.2483, 39.6985, 26.0691



31.1356, 39.6985, 44.6317

Rectangle

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



38.2203, 39.6985, 66.6209



43.7160, 39.6985, 56.2065



37.2483, 39.6985, 26.0691



32.3211, 39.6985, 32.4139

Sweetspot

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



38.2216, 39.7001, 66.6218



82.5622, 86.8187, 107.0139



44.2585, 55.9892, 55.6388



17.2666, 18.1512, 22.8434



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.



38.2216, 39.7001, 66.6218



53.7856, 55.4241, 102.4709



35.9857, 32.9286, 65.4326



11.5020, 12.0943, 14.9719



8.6973, 6.0411, 37.9001



0.5603, 0.4858, 2.1438

Inverse Universe

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



44.4250, 37.7848, 42.9837



64.9572, 52.4922, 59.7852



52.6777, 60.7514, 36.9679



11.9795, 11.8766, 13.1681



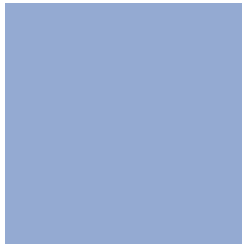
17.0207, 8.6811, 5.0152



0.9890, 0.5003, 0.4771

Previews

White Background



This preview shows how the XYZ color 38.2203, 39.6985, 66.6209 looks on a white background.

Color Contrast Check

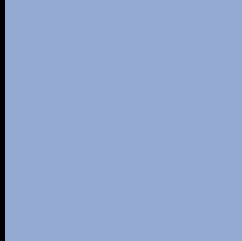
Large Text (above 18pt) WCAG AA × Fail

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 38.2203, 39.6985, 66.6209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

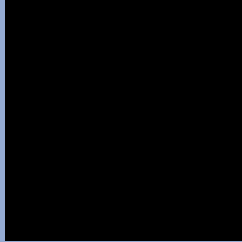
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.2203, 39.6985, 66.6209

Background



This preview shows how black text looks on a background with the XYZ color 38.2203, 39.6985, 66.6209.



This preview shows how white text looks on a background with the XYZ color 38.2203, 39.6985,

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

38.2203, 39.6985, 66.6209

Protanopia

39.5020, 39.5624, 65.2288

Deuteranopia

40.3173, 39.3999, 67.1080



Tritanopia

35.5408, 39.7426, 53.3748

Trichromacy



Original Color

38.2203, 39.6985, 66.6209

Protanomaly

39.0288, 39.5773, 65.9037

Deuteranomaly

39.6771, 39.6097, 67.1822

Tritanomaly

36.5844, 39.8924, 57.9964

Monochromacy



Original Color

38.2203, 39.6985, 66.6209

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

37.4332, 39.3719, 50.4263

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.2203, 39.6985, 66.6209 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(148, 170, 210)` looks like.

```
.text, #text, p{  
    color:rgb(148, 170, 210)  
}
```

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(148, 170, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 170, 210) }
```

Border

The CSS property to change the border of an element to XYZ 38.2203, 39.6985, 66.6209 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(148, 170, 210) }
```


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

```
.border{ border-color:rgb(148, 170, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 170, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 170, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 170, 210);  
box-shadow:4px 4px 4px 4px rgb(148, 170,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 38.2203, 39.6985, 66.6209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 170, 210) }
```

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

```
.background{ background-color: rgb(148,  
170, 210) }
```

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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