

Converting Colors

XYZ(37.9490, 39.3444, 58.1419)

Have a look what the booklet for
XYZ(37.9490, 39.3444, 58.1419)
contains.

XYZ(38.1706, 39.5753, 58.4503)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.1706, 39.5753,
58.4503)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA9C5
RGB	157, 169, 197
RGB Percent	62%, 66%, 77%
CMY	0.3843, 0.3372, 0.2274
CMYK	0.20, 0.14, 0.00, 0.23
HSL	222°, 26%, 69%
HSV	222°, 20%, 77%
XYZ	38.1706, 39.5753, 58.4503
YIQ	168.6040, -16.1400, 6.1640

Conversions

Conversions Part 2

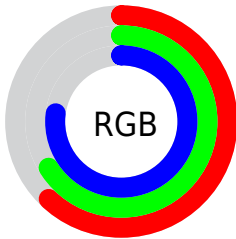
Format	Color
RYB	157, 166, 197
Decimal	10332613
CIELab	69.17, 1.80, -15.71
CIELCh	69, 15.809, 276.531
Yxy	39.5753, 0.2803, 0.2906
Android (android.graphics.Color)	4288522693 (0xFF9DA9C5)
YUV	168.6040, 13.9992, -10.1767
Hunter-Lab	62.9089, -1.7839, -11.0517

Details

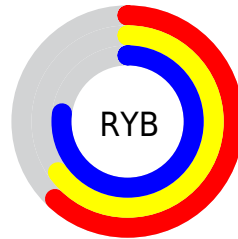
The XYZ color **38.1706, 39.5753, 58.4503** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.4609, 49.0023, 38.9087**, and the grayscale version is **37.4564, 39.4070, 42.9143**.

A 20% lighter version of the original color is **71.6964, 74.4641, 104.3601**, and **17.1449, 17.7090, 28.5011** is the 20% darker color. If you saturate the color by 10%, you get **32.2014, 32.8895, 57.4751**, and if you desaturate by 10%, it is **45.0326, 47.1250, 59.5465**.

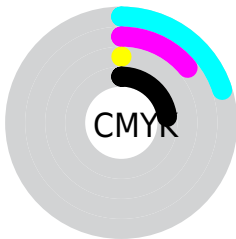
Distribution



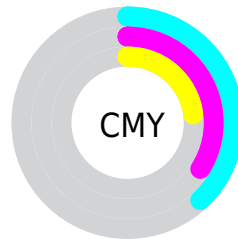
- Red (62%)
- Green (66%)
- Blue (77%)



- Red (62%)
- Yellow (65%)
- Blue (77%)



- Cyan (20%)
- Magenta (14%)
- Yellow (0%)
- Black (23%)



- Cyan (38%)
- Magenta (34%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.1706, 39.5753, 58.4503 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 38.1706, 39.5753, 58.4503 by changing the saturation by 10% instead.

■ 38.1706, 39.5753,
58.4503

■ 38.1706, 39.5753,
58.4503

329.6194,
344.3303, 436.5068

■ 26.2929, 27.2076,
41.7537

■ 71.6718, 74.5164,
104.0996

■ 17.1767, 17.7292,
28.5843

■ 94.0260, 97.8585,
133.8893

■ 10.4567, 10.7557,
18.5237

120.6031,
125.6275, 168.8804

■ 5.7674, 5.9028,
11.1533

151.7684,
158.2079, 209.4916

■ 2.7434, 2.7861,
6.0546

187.8874,
195.9839, 256.1412

■ 1.0196, 1.0211,
2.8090

229.3253,

■ 0.0000, 0.0000,

239.3401, 309.2480

0.9979

276.4475,
288.6607, 369.2303

■ 0.0000, 0.0000,
0.0000

■ 38.1706, 39.5753,
58.4503

■ 38.1706, 39.5753,
58.4503

■ 32.2014, 32.8895,
57.4751

■ 45.0326, 47.1250,
59.5465

■ 27.0832, 27.0306,
56.6140

■ 52.8192, 55.5638,
60.7650

■ 22.7765, 21.9663,
55.8634

■ 61.5654, 64.9222,
62.1103

■ 19.2368, 17.6599,
55.2188

■ 71.3031, 75.2274,
63.5862

■ 16.4152, 14.0716,
54.6749

■ 81.8777, 86.4103,
65.1874

■ 14.2568, 11.1576,
54.2262

■ 86.0461, 94.7472,
66.5769

■ 12.6973, 8.8680,
53.8664

■ 87.0782, 96.8113,
66.9209

■ 11.6479, 7.1707,
53.5941

Harmonies

Analogous

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



35.7127, 39.5753, 57.1597



38.1706, 39.5753, 58.4503



40.5827, 39.5753, 55.2698

Triad

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



38.1706, 39.5753, 58.4503



41.6568, 39.5753, 35.3256



33.3312, 39.5753, 37.7821

Complementary

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



38.1706, 39.5753, 58.4503



46.4609, 49.0023, 38.9087

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.



34.7958, 39.5753, 32.8468



38.1706, 39.5753, 58.4503



39.5839, 39.5753, 31.5434

Square

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



38.1706, 39.5753, 58.4503



42.6529, 39.5753, 41.5270



37.0651, 39.5753, 30.6894



32.9905, 39.5753, 44.6933

Rectangle

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



38.1706, 39.5753, 58.4503



41.8165, 39.5753, 51.2311



37.0651, 39.5753, 30.6894



33.7051, 39.5753, 35.8619

Sweetspot

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



38.1718, 39.5769, 58.4512



86.3217, 90.5694, 107.5397



42.5583, 50.5760, 53.0506



18.2812, 19.1736, 22.9873



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.



38.1718, 39.5769, 58.4512



63.8312, 65.8317, 103.9503



37.5145, 36.0740, 57.8097



10.3118, 10.7977, 13.4582



7.7258, 4.8456, 35.2725



0.4303, 0.3583, 1.6916

Inverse Universe

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



42.2453, 38.8497, 42.8102



72.3916, 64.5163, 71.0331



47.2048, 53.2718, 39.6936



10.7627, 10.6885, 11.7335



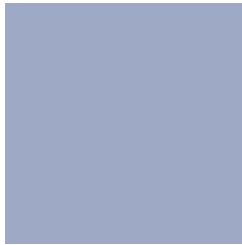
15.6990, 8.0292, 3.6247



0.7759, 0.3932, 0.3429

Previews

White Background



This preview shows how the XYZ color 38.1706, 39.5753, 58.4503 looks on a white background.

Color Contrast Check

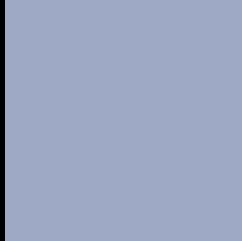
Large Text (above 18pt) WCAG AA × Fail

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 38.1706, 39.5753, 58.4503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

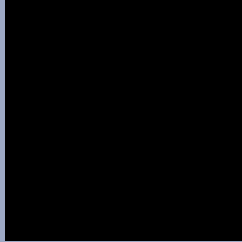
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.1706, 39.5753, 58.4503

Background



This preview shows how black text looks on a background with the XYZ color 38.1706, 39.5753, 58.4503.



This preview shows how white text looks on a background with the XYZ color 38.1706, 39.5753,

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

38.1706, 39.5753, 58.4503

Protanopia

38.8868, 39.4095, 57.7818

Deuteranopia

40.4428, 39.6454, 58.9468



Tritanopia

36.8374, 39.5972, 51.6004

Trichromacy



Original Color

38.1706, 39.5753, 58.4503

Protanomaly

38.6644, 39.5679, 57.8241

Deuteranomaly

39.5551, 39.4566, 58.9572

Tritanomaly

37.2703, 39.4915, 53.8024

Monochromacy



Original Color

38.1706, 39.5753, 58.4503

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

37.8417, 39.6299, 48.3027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.1706, 39.5753, 58.4503 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(157, 169, 197)` looks like.

```
.text, #text, p{  
    color:rgb(157, 169, 197)  
}
```

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(157, 169, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 169, 197) }
```

Border

The CSS property to change the border of an element to XYZ 38.1706, 39.5753, 58.4503 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(157, 169, 197) }
```


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

```
.border{ border-color:rgb(157, 169, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 169, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 169, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 169, 197);  
box-shadow:4px 4px 4px 4px rgb(157, 169,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 38.1706, 39.5753, 58.4503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 169, 197) }
```

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

```
.background{ background-color: rgb(157,  
169, 197) }
```

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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