

Converting Colors

XYZ(38.7397, 39.3984, 54.8531)

Have a look what the booklet for
XYZ(38.7397, 39.3984, 54.8531)
contains.

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Color

**XYZ(38.7397, 39.3984,
54.8531)**

Conversions

Conversions Part 1

Format	Color
Hex	A5A7BF
RGB	165, 167, 191
RGB Percent	65%, 65%, 75%
CMY	0.3529, 0.3451, 0.2510
CMYK	0.14, 0.13, 0.00, 0.25
HSL	235°, 17%, 70%
HSV	235°, 14%, 75%
XYZ	38.7397, 39.3984, 54.8531
YIQ	169.1380, -8.8960, 7.0400

Conversions

Conversions Part 2

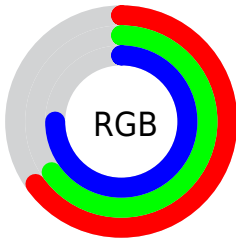
Format	Color
RYB	165, 167, 191
Decimal	10856383
CIELab	69.04, 4.17, -12.52
CIELCh	69, 13.197, 288.422
Yxy	39.3984, 0.2913, 0.2962
Android (android.graphics.Color)	4289046463 (0xFFA5A7BF)
YUV	169.1380, 10.7780, -3.6290
Hunter-Lab	62.7681, 0.3237, -7.8758

Details

The XYZ color **38.7397, 39.3984, 54.8531** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.4751, 50.1877, 42.8357**, and the grayscale version is **37.7328, 39.6979, 43.2310**.

A 20% lighter version of the original color is **72.4250, 74.1736, 98.4954**, and **17.5282, 17.6072, 26.5194** is the 20% darker color. If you saturate the color by 10%, you get **32.0475, 31.4774, 53.6775**, and if you desaturate by 10%, it is **46.4678, 48.5091, 56.2049**.

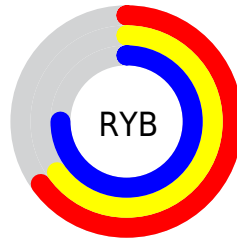
Distribution



Red (65%)

Green (65%)

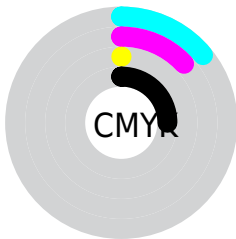
Blue (75%)



Red (65%)

Yellow (65%)

Blue (75%)

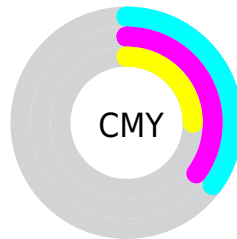


Cyan (14%)

Magenta (13%)

Yellow (0%)

Black (25%)



Cyan (35%)

Magenta (35%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.7397, 39.3984, 54.8531 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 38.7397, 39.3984, 54.8531 by changing the saturation by 10% instead.

■ 38.7397, 39.3984,
54.8531

■ 38.7397, 39.3984,
54.8531

332.0088,
343.5814, 422.6211

■ 26.7371, 27.0698,
38.8863

■ 72.5371, 74.2465,
98.7947

■ 17.5114, 17.6256,
26.3641

■ 95.0627, 97.5349,
127.6066

■ 10.6974, 10.6816,
16.8681

121.8265,
125.2452, 161.5372

■ 5.9295, 5.8531,
9.9795

153.1941,
157.7620, 201.0052

■ 2.8425, 2.7560,
5.2799

189.5308,
195.4696, 246.4290

■ 1.0710, 1.0057,
2.3508

231.2019,

■ 0.0007, 0.0000,

238.7525, 298.2273

0.7595

278.5728,
287.9949, 356.8184

■ 0.0000, 0.0000,
0.0000

■ 38.7397, 39.3984,
54.8531

■ 38.7397, 39.3984,
54.8531

■ 32.0475, 31.4774,
53.6775

■ 46.4678, 48.5091,
56.2049

■ 26.3438, 24.6922,
52.6685

■ 55.2697, 58.8505,
57.7371

■ 21.5827, 18.9922,
51.8192

■ 65.1853, 70.4679,
59.4569

■ 17.7133, 14.3210,
51.1215

■ 76.2519, 83.4029,
61.3703

■ 14.6799, 10.6170,
50.5664

■ 86.4041, 96.5416,
63.3713

■ 12.4204, 7.8122,
50.1441

■ 10.8642, 5.8295,
49.8435

■ 9.9273, 4.5789,
49.6515

■ 9.5709, 4.0952,
49.5769

Harmonies

Analogous

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



36.6411, 39.3984, 55.2758



38.7397, 39.3984, 54.8531



40.5547, 39.3984, 51.0537

Triad

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



38.7397, 39.3984, 54.8531



40.1958, 39.3984, 34.8036



33.6228, 39.3984, 40.6150

Complementary

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



38.7397, 39.3984, 54.8531



46.4751, 50.1877, 42.8357

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.



34.5022, 39.3984, 35.6610



38.7397, 39.3984, 54.8531



38.2647, 39.3984, 32.5217

Square

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



38.7397, 39.3984, 54.8531



41.4169, 39.3984, 39.3409



36.1834, 39.3984, 32.8201



33.7393, 39.3984, 46.6637

Rectangle

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



38.7397, 39.3984, 54.8531



41.3354, 39.3984, 47.3008



36.1834, 39.3984, 32.8201



33.8104, 39.3984, 38.7776

Sweetspot

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



38.7409, 39.4000, 54.8540



82.5582, 86.0963, 100.5461



43.3157, 48.9285, 55.2111



17.8842, 18.6177, 22.0363



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



38.7409, 39.4000, 54.8540



66.0417, 66.6146, 97.6563



40.7266, 39.8832, 54.8426



9.0740, 9.3403, 11.9968



6.3138, 2.7394, 32.5889



0.2677, 0.1480, 1.2833

Inverse Universe

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



41.9170, 40.7774, 42.2228



72.7178, 69.5337, 71.1001



44.2842, 49.7022, 42.8574



9.5592, 9.5480, 10.0677



14.1877, 7.3062, 1.0160



0.5660, 0.2903, 0.0939

Previews

White Background



This preview shows how the XYZ color 38.7397, 39.3984, 54.8531 looks on a white background.

Color Contrast Check

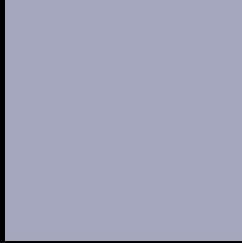
Large Text (above 18pt) WCAG AA × Fail

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 38.7397, 39.3984, 54.8531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

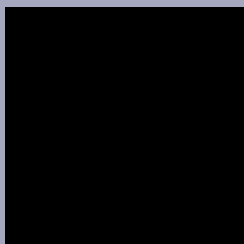
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.7397, 39.3984, 54.8531

Background



This preview shows how black text looks on a background with the XYZ color 38.7397, 39.3984, 54.8531.



This preview shows how white text looks on a background with the XYZ color 38.7397, 39.3984,

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

38.7397, 39.3984, 54.8531

Protanopia

38.7397, 39.3984, 54.8531

Deuteranopia

40.2454, 39.3554, 55.3444



Tritanopia

37.7357, 39.5399, 49.8990

Trichromacy



Original Color

38.7397, 39.3984, 54.8531

Protanomaly

38.7397, 39.3984, 54.8531

Deuteranomaly

39.7641, 39.3740, 55.3733

Tritanomaly

38.0694, 39.4006, 51.4975

Monochromacy



Original Color

38.7397, 39.3984, 54.8531

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.0869, 39.5044, 47.2127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7397, 39.3984, 54.8531 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(165, 167, 191)` looks like.

```
.text, #text, p{  
    color:rgb(165, 167, 191)  
}
```

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(165, 167, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 167, 191) }
```

Border

The CSS property to change the border of an element to XYZ 38.7397, 39.3984, 54.8531 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(165, 167, 191) }
```


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

```
.border{ border-color:rgb(165, 167, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 167, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 167, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 167, 191);  
box-shadow:4px 4px 4px 4px rgb(165, 167,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7397, 39.3984, 54.8531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 167, 191) }
```

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

```
.background{ background-color: rgb(165,  
167, 191) }
```

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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