

Converting Colors

XYZ(39.4495, 39.0631, 54.7178)

Have a look what the booklet for
XYZ(39.4495, 39.0631, 54.7178)
contains.

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Color

**XYZ(39.4740, 38.9704,
54.7318)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA4BF
RGB	171, 164, 191
RGB Percent	67%, 64%, 75%
CMY	0.3294, 0.3568, 0.2510
CMYK	0.10, 0.14, 0.00, 0.25
HSL	256°, 17%, 70%
HSV	256°, 14%, 75%
XYZ	39.4740, 38.9704, 54.7318
YIQ	169.1710, -4.4950, 9.8810

Conversions

Conversions Part 2

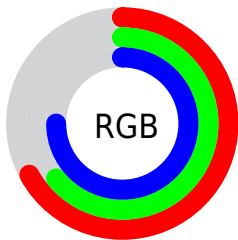
Format	Color
RYB	171, 164, 191
Decimal	11248831
CIELab	68.73, 7.83, -12.94
CIElCh	69, 15.121, 301.186
Yxy	38.9704, 0.2964, 0.2926
Android (android.graphics.Color)	4289438911 (0xFFABA4BF)
YUV	169.1710, 10.7617, 1.6040
Hunter-Lab	62.4263, 3.6249, -8.2837

Details

The XYZ color **39.4740, 38.9704, 54.7318** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.1002, 50.1333, 42.4234**, and the grayscale version is **37.7476, 39.7134, 43.2479**.

A 20% lighter version of the original color is **73.4840, 73.5472, 98.3187**, and **17.9894, 17.3453, 26.4446** is the 20% darker color. If you saturate the color by 10%, you get **33.3906, 31.1363, 53.5409**, and if you desaturate by 10%, it is **46.4030, 48.0046, 56.1110**.

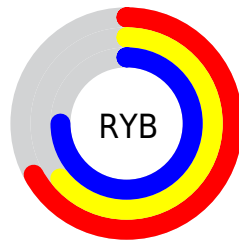
Distribution



Red (67%)

Green (64%)

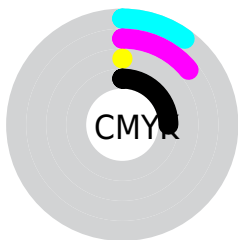
Blue (75%)



Red (67%)

Yellow (64%)

Blue (75%)

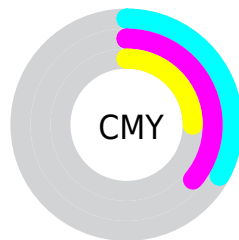


Cyan (10%)

Magenta (14%)

Yellow (0%)

Black (25%)



Cyan (33%)

Magenta (36%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4740, 38.9704, 54.7318 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 39.4740, 38.9704, 54.7318 by changing the saturation by 10% instead.

■ 39.4740, 38.9704,
54.7318

■ 39.4740, 38.9704,
54.7318

335.0741,
341.7646, 422.1477

■ 27.3110, 26.7367,
38.7899

■ 73.6513, 73.5931,
98.6151

■ 17.9448, 17.3756,
26.2897

■ 96.3964, 96.7509,
127.3936

■ 11.0098, 10.5026,
16.8128

123.3996,
124.3188, 161.2879

■ 6.1408, 5.7335,
9.9406

155.0262,
156.6813, 200.7168

■ 2.9723, 2.6837,
5.2545

191.6416,
194.2227, 246.0987

■ 1.1391, 0.9689,
2.3360

233.6111,

■ 0.0575, 0.0000,

237.3275, 297.8521

0.7513

281.3002,
286.3800, 356.3956

■ 0.0000, 0.0000,
0.0000

■ 39.4740, 38.9704,
54.7318

■ 39.4740, 38.9704,
54.7318

■ 33.3906, 31.1363,
53.5409

■ 46.4030, 48.0046,
56.1110

■ 28.1162, 24.4463,
52.5276

■ 54.2055, 58.2818,
57.6834

■ 23.6165, 18.8476,
51.6841

■ 62.9121, 69.8488,
59.4572

■ 19.8535, 14.2807,
51.0009

■ 72.5511, 82.7486,
61.4391

■ 16.7856, 10.6809,
50.4678

■ 81.6957, 94.1144,
63.1509

■ 14.3668, 7.9756,
50.0731

■ 86.4041, 96.5416,
63.3713

■ 12.5453, 6.0816,
49.8035

■ 11.2598, 4.8994,
49.6431

■ 10.6954, 4.4273,
49.5817

Harmonies

Analogous

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



37.1355, 38.9704, 57.0158



39.4740, 38.9704, 54.7318



41.2193, 38.9704, 49.1046

Triad

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



39.4740, 38.9704, 54.7318



39.3021, 38.9704, 31.9027



32.6282, 38.9704, 42.7055

Complementary

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



39.4740, 38.9704, 54.7318



45.1002, 50.1333, 42.4234

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.



33.1535, 38.9704, 36.3932



39.4740, 38.9704, 54.7318



36.9450, 38.9704, 30.5750

Square

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



39.4740, 38.9704, 54.7318



41.1171, 38.9704, 35.9684



34.7085, 38.9704, 32.1288



33.2421, 38.9704, 49.6273

Rectangle

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



39.4740, 38.9704, 54.7318



41.7752, 38.9704, 44.4832



34.7085, 38.9704, 32.1288



32.6773, 38.9704, 40.4451

Sweetspot

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



39.4752, 38.9720, 54.7327



83.2011, 86.0987, 100.5127



41.9076, 46.0403, 55.9688



18.0504, 18.6185, 22.0277



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.



39.4752, 38.9720, 54.7327



67.1238, 65.1730, 97.3210



42.5078, 40.5354, 54.8746



9.2422, 9.3417, 11.9882



7.0938, 2.9431, 32.5871



0.3414, 0.1480, 1.2794

Inverse Universe

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



43.4144, 41.0896, 50.9922



75.5905, 69.7268, 89.1752



42.0731, 48.5728, 42.2818



9.8215, 9.6529, 11.4489



17.3382, 8.5664, 17.6063



0.7045, 0.3457, 0.8229

Previews

White Background



This preview shows how the XYZ color 39.4740, 38.9704, 54.7318 looks on a white background.

Color Contrast Check

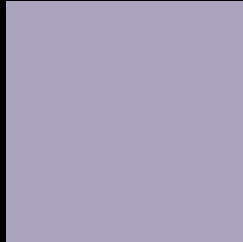
Large Text (above 18pt) WCAG AA × Fail

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 39.4740, 38.9704, 54.7318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

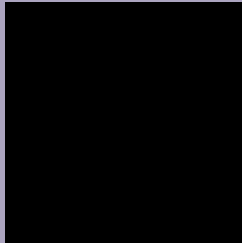
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4740, 38.9704, 54.7318

Background



This preview shows how black text looks on a background with the XYZ color 39.4740, 38.9704, 54.7318.



This preview shows how white text looks on a background with the XYZ color 39.4740, 38.9704,

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

39.4740, 38.9704, 54.7318

Protanopia

38.3661, 38.9092, 55.9402

Deuteranopia

39.7347, 38.8402, 54.6929



Tritanopia

38.1351, 38.9621, 48.1583

Trichromacy



Original Color

39.4740, 38.9704, 54.7318

Protanomaly

38.6954, 38.8230, 55.3233

Deuteranomaly

39.5144, 38.7266, 54.6826

Tritanomaly

38.5799, 38.8752, 50.2700

Monochromacy



Original Color

39.4740, 38.9704, 54.7318

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

38.3321, 39.3578, 47.1715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4740, 38.9704, 54.7318 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(171, 164, 191)` looks like.

```
.text, #text, p{  
    color:rgb(171, 164, 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(171, 164, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 164, 191) }
```

Border

The CSS property to change the border of an element to XYZ 39.4740, 38.9704, 54.7318 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(171, 164, 191) }
```


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

```
.border{ border-color:rgb(171, 164, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 164, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 164, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 164, 191);  
box-shadow:4px 4px 4px 4px rgb(171, 164,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4740, 38.9704, 54.7318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 164, 191) }
```

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

```
.background{ background-color: rgb(171,  
164, 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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