

Converting Colors

XYZ(38.7483, 40.3542, 54.7103)

Have a look what the booklet for
XYZ(38.7483, 40.3542, 54.7103)
contains.

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Color

**XYZ(38.5693, 40.1485,
54.4318)**

Conversions

Conversions Part 1

Format	Color
Hex	A2AABE
RGB	162, 170, 190
RGB Percent	64%, 67%, 75%
CMY	0.3647, 0.3333, 0.2549
CMYK	0.15, 0.11, 0.00, 0.25
HSL	223°, 18%, 69%
HSV	223°, 15%, 75%
XYZ	38.5693, 40.1485, 54.4318
YIQ	169.8880, -11.1880, 4.5240

Conversions

Conversions Part 2

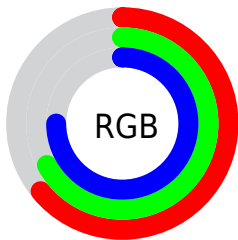
Format	Color
R _Y B	162, 168, 190
Decimal	10660542
CIE Lab	69.58, 1.31, -11.19
CIE LCh	70, 11.264, 276.700
Yxy	40.1485, 0.2897, 0.3015
Android (android.graphics.Color)	4288850622 (0xFFA2AABE)
YUV	169.8880, 9.9152, -6.9178
Hunter-Lab	63.3628, -2.2311, -6.5790

Details

The XYZ color **38.5693, 40.1485, 54.4318** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.4851, 47.0117, 40.9129**, and the grayscale version is **38.1098, 40.0945, 43.6629**.

A 20% lighter version of the original color is **72.1750, 75.2560, 97.9106**, and **17.4242, 18.0780, 26.2380** is the 20% darker color. If you saturate the color by 10%, you get **32.5837, 33.4802, 53.4608**, and if you desaturate by 10%, it is **45.4031, 47.6460, 55.5194**.

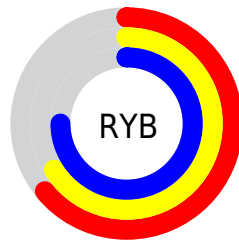
Distribution



Red (64%)

Green (67%)

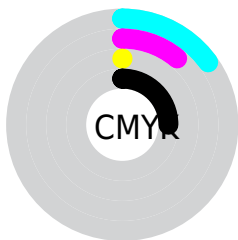
Blue (75%)



Red (64%)

Yellow (66%)

Blue (75%)

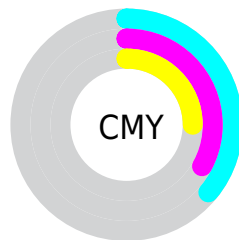


Cyan (15%)

Magenta (11%)

Yellow (0%)

Black (25%)



Cyan (36%)

Magenta (33%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5693, 40.1485, 54.4318 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 38.5693, 40.1485, 54.4318 by changing the saturation by 10% instead.

■ 38.5693, 40.1485,
54.4318

■ 38.5693, 40.1485,
54.4318

331.2946,
346.7491, 420.9755

■ 26.6041, 27.6543,
38.5515

■ 72.2782, 75.3896,
98.1707

■ 17.4111, 18.0653,
26.1058

■ 94.7525, 98.9053,
126.8664

■ 10.6252, 10.9969,
16.6764

121.4606,
126.8637, 160.6710

■ 5.8808, 6.0647,
9.8445

152.7678,
159.6491, 200.0029

■ 2.8127, 2.8845,
5.1917

189.0394,
197.6460, 245.2808

■ 1.0555, 1.0717,
2.2995

230.6409,

■ 0.0000, 0.0000,

241.2386, 296.9232

0.7309

277.9375,
290.8115, 355.3486

■ 0.0000, 0.0000,
0.0000

■ 38.5693, 40.1485,
54.4318

■ 38.5693, 40.1485,
54.4318

■ 32.5837, 33.4802,
53.4608

■ 45.4031, 47.6460,
55.5194

■ 27.4088, 27.6068,
52.5999

■ 53.1134, 55.9954,
56.7246

■ 23.0092, 22.4989,
51.8458

■ 61.7319, 65.2250,
58.0519

■ 19.3457, 18.1232,
51.1943

■ 71.2874, 75.3598,
59.5045

■ 16.3756, 14.4438,
50.6407

■ 81.0667, 86.0424,
61.0510

■ 14.0511, 11.4216,
50.1798

■ 85.1645, 94.2381,
62.4169

■ 12.3180, 9.0127,
49.8062

■ 86.2944, 96.4978,
62.7936

■ 11.1120, 7.1671,
49.5135

■ 10.6275, 6.3840,
49.3879

Harmonies

Analogous

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



36.7938, 40.1485, 53.5705



38.5693, 40.1485, 54.4318



40.2876, 40.1485, 52.2438

Triad

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



38.5693, 40.1485, 54.4318



41.0321, 40.1485, 38.0001



35.0383, 40.1485, 39.8730

Complementary

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



38.5693, 40.1485, 54.4318



44.4851, 47.0117, 40.9129

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.



36.1085, 40.1485, 36.1687



38.5693, 40.1485, 54.4318



39.5595, 40.1485, 35.1489

Square

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



38.5693, 40.1485, 54.4318



41.7384, 40.1485, 42.5571



37.7535, 40.1485, 34.5059



34.7921, 40.1485, 44.8935

Rectangle

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



38.5693, 40.1485, 54.4318



41.1571, 40.1485, 49.4454



37.7535, 40.1485, 34.5059



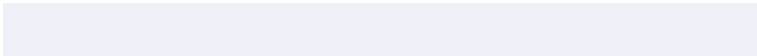
35.3119, 40.1485, 38.4452

Sweetspot

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



38.5705, 40.1502, 54.4327



83.1637, 87.3074, 100.7479



41.7168, 47.8699, 51.0814



18.0408, 18.9309, 22.0885



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.



38.5705, 40.1502, 54.4327



65.8650, 68.2911, 97.9892



38.2789, 37.8403, 54.0022



9.2326, 9.6576, 12.0497



7.1255, 4.3627, 32.8594



0.3370, 0.2867, 1.3064

Inverse Universe

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



41.4122, 39.6911, 43.5105



72.1331, 67.4027, 73.8699



44.7989, 49.6761, 41.4107



9.6393, 9.5800, 10.4894



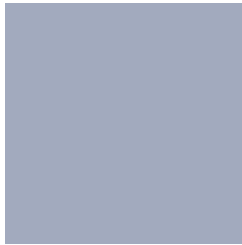
14.5974, 7.4701, 3.1735



0.6010, 0.3043, 0.2782

Previews

White Background



This preview shows how the XYZ color 38.5693, 40.1485, 54.4318 looks on a white background.

Color Contrast Check

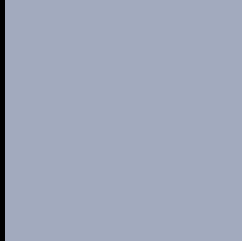
Large Text (above 18pt) WCAG AA × Fail

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 38.5693, 40.1485, 54.4318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

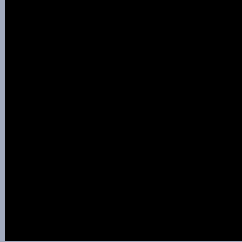
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.5693, 40.1485, 54.4318

Background



This preview shows how black text looks on a background with the XYZ color 38.5693, 40.1485, 54.4318.



This preview shows how white text looks on a background with the XYZ color 38.5693, 40.1485,

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

38.5693, 40.1485, 54.4318

Protanopia

39.3096, 40.2655, 53.8443

Deuteranopia

40.7636, 39.9020, 54.8436



Tritanopia

37.9126, 40.1636, 51.1015

Trichromacy



Original Color

38.5693, 40.1485, 54.4318

Protanomaly

38.8903, 40.0494, 53.8247

Deuteranomaly

40.0173, 40.0569, 54.9128

Tritanomaly

38.1238, 40.2481, 52.2137

Monochromacy



Original Color

38.5693, 40.1485, 54.4318

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

38.2469, 40.1393, 47.3268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5693, 40.1485, 54.4318 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(162, 170, 190)` looks like.

```
.text, #text, p{  
    color:rgb(162, 170, 190)  
}
```

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(162, 170, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 170, 190) }
```

Border

The CSS property to change the border of an element to XYZ 38.5693, 40.1485, 54.4318 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(162, 170, 190) }
```


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

```
.border{ border-color:rgb(162, 170, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 170, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 170, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 170, 190);  
box-shadow:4px 4px 4px 4px rgb(162, 170,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5693, 40.1485, 54.4318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 170, 190) }
```

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

```
.background{ background-color: rgb(162,  
170, 190) }
```

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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