

Converting Colors

XYZ(38.6907, 40.5326, 53.7579)

Have a look what the booklet for
XYZ(38.6907, 40.5326, 53.7579)
contains.

XYZ(38.6485, 40.4813, 53.9208)	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(38.6485, 40.4813,
53.9208)**

Conversions

Conversions Part 1

Format	Color
Hex	A2ABBD
RGB	162, 171, 189
RGB Percent	64%, 67%, 74%
CMY	0.3647, 0.3294, 0.2588
CMYK	0.14, 0.10, 0.00, 0.26
HSL	220°, 17%, 69%
HSV	220°, 14%, 74%
XYZ	38.6485, 40.4813, 53.9208
YIQ	170.3610, -11.1420, 3.6900

Conversions

Conversions Part 2

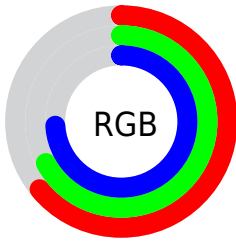
Format	Color
R _{YB}	162, 169, 189
Decimal	10660797
CIE Lab	69.81, 0.55, -10.28
CIE LCh	70, 10.297, 273.068
Yxy	40.4813, 0.2905, 0.3043
Android (android.graphics.Color)	4288850877 (0xFFA2ABBD)
YUV	170.3610, 9.1890, -7.3326
Hunter-Lab	63.6249, -2.9151, -5.7096

Details

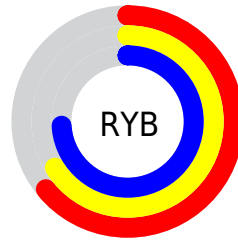
The XYZ color **38.6485, 40.4813, 53.9208** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.8294, 46.0699, 40.7656**, and the grayscale version is **38.3491, 40.3462, 43.9371**.

A 20% lighter version of the original color is **72.2931, 75.7370, 97.1947**, and **17.4712, 18.2862, 25.9013** is the 20% darker color. If you saturate the color by 10%, you get **32.8268, 34.1151, 52.9995**, and if you desaturate by 10%, it is **45.2765, 47.6021, 54.9466**.

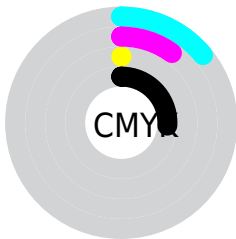
Distribution



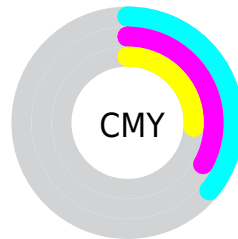
- Red (64%)
- Green (67%)
- Blue (74%)



- Red (64%)
- Yellow (66%)
- Blue (74%)



- Cyan (14%)
- Magenta (10%)
- Yellow (0%)
- Black (26%)



- Cyan (36%)
- Magenta (33%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6485, 40.4813, 53.9208 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 38.6485, 40.4813, 53.9208 by changing the saturation by 10% instead.

■ 38.6485, 40.4813,
53.9208

■ 38.6485, 40.4813,
53.9208

331.6267,
348.1480, 418.9740

■ 26.6659, 27.9140,
38.1456

■ 72.3986, 75.8959,
97.4132

■ 17.4577, 18.2608,
25.7930

■ 94.8967, 99.5119,
125.9674

■ 10.6587, 11.1374,
16.4445

121.6307,
127.5797, 159.6185

■ 5.9034, 6.1593,
9.6815

152.9660,
160.4836, 198.7848

■ 2.8265, 2.9422,
5.0854

189.2679,
198.6079, 243.8850

■ 1.0627, 1.1016,
2.2379

230.9017,

■ 0.0000, 0.0000,

242.3372, 295.3375

0.6961

278.2329,
292.0558, 353.5610

■ 0.0000, 0.0000,
0.0000

■ 38.6485, 40.4813,
53.9208

■ 38.6485, 40.4813,
53.9208

■ 32.8268, 34.1151,
52.9995

■ 45.2765, 47.6021,
54.9466

■ 27.7759, 28.4725,
52.1766

■ 52.7373, 55.4968,
56.0772

■ 23.4627, 23.5278,
51.4495

■ 61.0606, 64.1906,
57.3166

■ 19.8503, 19.2517,
50.8145

■ 70.2736, 73.7059,
58.6676

■ 16.8984, 15.6127,
50.2677

■ 79.8473, 83.7778,
60.1071

■ 14.5624, 12.5762,
49.8047

■ 83.5625, 91.2083,
61.3455

■ 12.7912, 10.1038,
49.4208

■ 86.1854, 96.4542,
62.2198

■ 11.5245, 8.1513,
49.1107

■ 10.9638, 7.2309,
48.9626

Harmonies

Analogous

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



37.0390, 40.4813, 52.8020



38.6485, 40.4813, 53.9208



40.2564, 40.4813, 52.2484

Triad

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



38.6485, 40.4813, 53.9208



41.2326, 40.4813, 39.2440



35.6818, 40.4813, 40.0388

Complementary

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



38.6485, 40.4813, 53.9208



43.8294, 46.0699, 40.7656

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.



36.7494, 40.4813, 36.8058



38.6485, 40.4813, 53.9208



39.9502, 40.4813, 36.3708

Square

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



38.6485, 40.4813, 53.9208



41.7752, 40.4813, 43.5865



38.3045, 40.4813, 35.5111



35.3557, 40.4813, 44.5716

Rectangle

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



38.6485, 40.4813, 53.9208



41.1026, 40.4813, 49.8417



38.3045, 40.4813, 35.5111



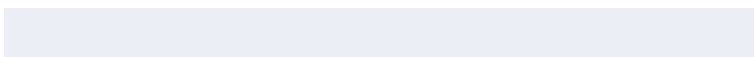
35.9643, 40.4813, 38.7754

Sweetspot

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



38.6497, 40.4830, 53.9217



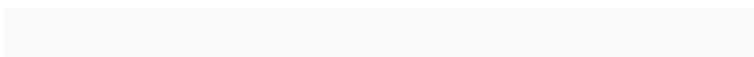
81.3685, 85.5519, 98.4508



41.2911, 47.3543, 49.9048



17.2937, 18.1798, 21.1401



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



38.6497, 40.4830, 53.9217



65.9578, 68.9590, 96.0603



37.8428, 37.6280, 53.4132



9.2694, 9.7312, 12.0620



7.4402, 4.9922, 32.9643



0.3528, 0.3183, 1.3117

Inverse Universe

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



41.2582, 39.6007, 43.9991



71.5180, 67.1882, 74.8853



44.7154, 49.3126, 41.3448



9.6579, 9.5874, 10.5873



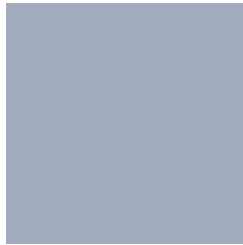
14.7562, 7.5337, 4.0100



0.6090, 0.3075, 0.3202

Previews

White Background



This preview shows how the XYZ color 38.6485, 40.4813, 53.9208 looks on a white background.

Color Contrast Check

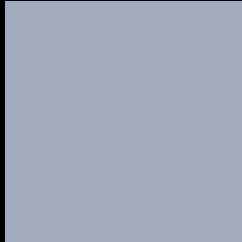
Large Text (above 18pt) WCAG AA × Fail

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 38.6485, 40.4813, 53.9208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

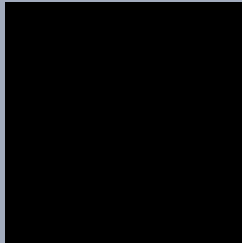
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

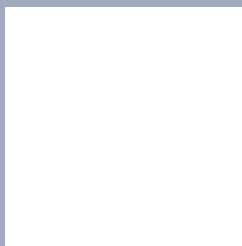
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.6485, 40.4813, 53.9208

Background



This preview shows how black text looks on a background with the XYZ color 38.6485, 40.4813, 53.9208.



This preview shows how white text looks on a background with the XYZ color 38.6485, 40.4813,

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

38.6485, 40.4813, 53.9208

Protanopia

39.4135, 40.3316, 53.2844

Deuteranopia

41.2906, 40.4551, 54.3476



Tritanopia

38.2074, 40.5849, 51.7189

Trichromacy



Original Color

38.6485, 40.4813, 53.9208

Protanomaly

39.1777, 40.4873, 53.3269

Deuteranomaly

40.3102, 40.4936, 54.4067

Tritanomaly

38.3134, 40.6273, 52.2769

Monochromacy



Original Color

38.6485, 40.4813, 53.9208

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 38.6485, 40.4813, 53.9208 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, 171, 189)` looks like.

```
.text, #text, p{  
    color:rgb(162, 171, 189)  
}
```

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, 171, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 171, 189) }
```

Border

The CSS property to change the border of an element to XYZ 38.6485, 40.4813, 53.9208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

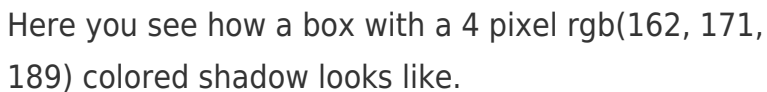
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 171, 189) }
```


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

```
.border{ border-color:rgb(162, 171, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(162, 171, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 171, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 171, 189); box-shadow:4px 4px 4px 4px rgb(162, 171, 189) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6485, 40.4813, 53.9208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 171, 189) }
```

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

```
.background{ background-color: rgb(162,  
171, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor