

Converting Colors

XYZ(40.5899, 52.0557, 38.7969)

Have a look what the booklet for
XYZ(40.5899, 52.0557, 38.7969)
contains.

XYZ(40.5988, 51.9485, 38.8976)	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(40.5988, 51.9485,
38.8976)**

Conversions

Conversions Part 1

Format	Color
Hex	9ACB9B
RGB	154, 203, 155
RGB Percent	60%, 80%, 61%
CMY	0.3961, 0.2039, 0.3922
CMYK	0.24, 0.00, 0.24, 0.20
HSL	121°, 32%, 70%
HSV	121°, 24%, 80%
XYZ	40.5988, 51.9485, 38.8976
YIQ	182.8770, -13.7960, -25.3160

Conversions

Conversions Part 2

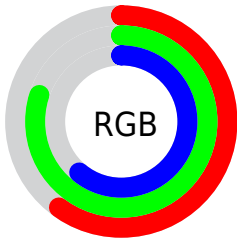
Format	Color
RYB	154, 202, 203
Decimal	10144667
CIELab	77.25, -25.38, 18.86
CIELCh	77, 31.627, 143.383
Yxy	51.9485, 0.3089, 0.3952
Android (android.graphics.Color)	4288334747 (0xFF9ACB9B)
YUV	182.8770, -13.7434, -25.3251
Hunter-Lab	72.0753, -25.5858, 18.4551

Details

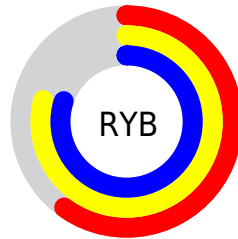
The XYZ color **40.5988, 51.9485, 38.8976** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.8467, 40.0732, 61.1453**, and the grayscale version is **45.0219, 47.3665, 51.5821**.

A 20% lighter version of the original color is **73.6874, 89.7285, 74.4084**, and **18.7256, 25.3191, 16.9968** is the 20% darker color. If you saturate the color by 10%, you get **35.5222, 49.5103, 30.6487**, and if you desaturate by 10%, it is **46.6067, 54.8380, 48.6280**.

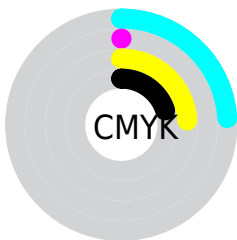
Distribution



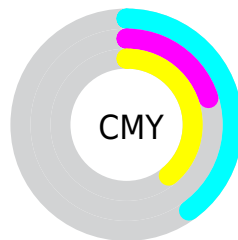
- Red (60%)
- Green (80%)
- Blue (61%)



- Red (60%)
- Yellow (79%)
- Blue (80%)



- Cyan (24%)
- Magenta (0%)
- Yellow (24%)
- Black (20%)





- Cyan (40%)
- Magenta (20%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.5988, 51.9485, 38.8976 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 40.5988, 51.9485, 38.8976 by changing the saturation by 10% instead.


 40.5988, 51.9485,
38.8976


 40.5988, 51.9485,
38.8976

339.7323,
394.2378, 356.8679

 28.1920, 36.9640,
26.3729


 75.3530, 93.0553,
74.7005

 18.6116, 25.1796,
16.8745

 98.4312, 119.9464,
98.8157

 11.4923, 16.2109,
9.9841


125.7972,
151.5751, 127.6315

 6.4687, 9.6735,
5.2829

157.8164,
188.3260, 161.5664

 3.1755, 5.1830,
2.3526

194.8542,
230.5833, 201.0389

 1.2472, 2.3551,
0.7604

237.2758,

 0.1432, 0.8026,

278.7314, 246.4677

0.0000

285.4468,
333.1547, 298.2711

■ 0.0000, 0.0000,
0.0000

■ 40.5988, 51.9485,
38.8976

■ 40.5988, 51.9485,
38.8976

■ 35.5222, 49.5103,
30.6487

■ 46.6067, 54.8380,
48.6280

■ 31.3264, 47.4944,
23.8053

■ 53.5847, 58.1930,
59.9038

■ 27.9625, 45.8788,
18.2903

■ 61.5747, 62.0351,
72.7895

■ 25.3752, 44.6369,
14.0174

■ 70.6148, 66.3826,
87.3448

■ 23.5024, 43.7387,
10.8904

■ 80.5556, 71.1574,
103.6177

■ 22.2725, 43.1497,
8.7989

■ 80.6470, 71.1939,
104.0990

■ 21.5992, 42.8282,
7.6107

■ 21.3797, 42.7230,
7.2386

Harmonies

Analogous

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



44.8927, 51.9485, 31.1233



40.5988, 51.9485, 38.8976



38.6791, 51.9485, 52.8030

Triad

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



40.5988, 51.9485, 38.8976



48.0445, 51.9485, 96.6222



60.8650, 51.9485, 44.3228

Complementary

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



40.5988, 51.9485, 38.8976



46.8467, 40.0732, 61.1453

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.



61.8818, 51.9485, 60.4976



40.5988, 51.9485, 38.8976



54.1471, 51.9485, 93.0671

Square

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



40.5988, 51.9485, 38.8976



42.7446, 51.9485, 87.8082



59.3338, 51.9485, 78.9009



56.6590, 51.9485, 33.7784

Rectangle

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



40.5988, 51.9485, 38.8976



38.8824, 51.9485, 64.6462



59.3338, 51.9485, 78.9009



61.6046, 51.9485, 49.1835

Sweetspot

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



40.6002, 51.9507, 38.8987



86.0965, 95.6949, 94.4486



51.5977, 57.6298, 38.9766



18.2715, 20.4073, 19.9627



0.0000, 0.0000, 0.0000



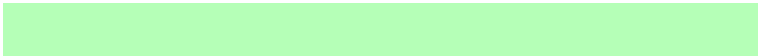
20.3446, 21.4041, 23.3091

Same Dimension

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



40.6002, 51.9507, 38.8987



63.3293, 84.7504, 57.5806



42.8527, 52.8517, 50.7603



11.0772, 12.5406, 11.9639



13.6094, 27.1890, 4.6279



0.7054, 1.4040, 0.2562

Inverse Universe

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



46.8467, 40.0732, 61.1453



75.5819, 61.4512, 101.2161



44.1900, 39.0105, 47.1551



11.6773, 11.3996, 14.1012



22.2277, 10.7017, 35.2473



1.1499, 0.5534, 1.8353

Previews

White Background



This preview shows how the XYZ color 40.5988, 51.9485, 38.8976 looks on a white background.

Color Contrast Check

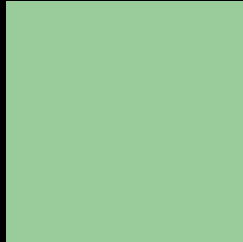
Large Text (above 18pt) WCAG AA × Fail

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 40.5988, 51.9485, 38.8976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

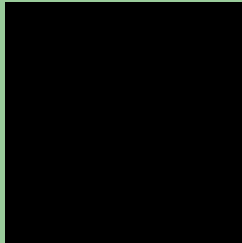
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 40.5988, 51.9485, 38.8976

Background



This preview shows how black text looks on a background with the XYZ color 40.5988, 51.9485, 38.8976.



This preview shows how white text looks on a background with the XYZ color 40.5988, 51.9485,

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

40.5988, 51.9485, 38.8976

Protanopia

48.4669, 51.6933, 35.8571

Deuteranopia

52.4049, 51.4302, 39.9659



Tritanopia

46.8076, 52.0755, 69.2126

Trichromacy



Original Color

40.5988, 51.9485, 38.8976

Protanomaly

45.1086, 51.5789, 36.8564

Deuteranomaly

47.0907, 50.8976, 39.6900

Tritanomaly

44.3246, 52.0820, 57.0069

Monochromacy



Original Color

40.5988, 51.9485, 38.8976

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

42.9695, 48.6147, 46.6540

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.5988, 51.9485, 38.8976 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(154, 203, 155)` looks like.

```
.text, #text, p{  
    color:rgb(154, 203, 155)  
}
```

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(154, 203, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 203, 155) }
```

Border

The CSS property to change the border of an element to XYZ 40.5988, 51.9485, 38.8976 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(154, 203, 155) }
```


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

```
.border{ border-color:rgb(154, 203, 155) }
```

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

Here you see how a box with a 4 pixel rgb(154, 203, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 203, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 203, 155);  
box-shadow:4px 4px 4px 4px rgb(154, 203,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 40.5988, 51.9485, 38.8976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 203, 155) }
```

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

```
.background{ background-color: rgb(154,  
203, 155) }
```

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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