

Converting Colors

XYZ(38.5925, 51.9484, 26.7620)

Have a look what the booklet for
XYZ(38.5925, 51.9484, 26.7620)
contains.

XYZ(38.5433, 51.8650, 26.7184)	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(38.5433, 51.8650,
26.7184)**

Conversions

Conversions Part 1

Format	Color
Hex	99CD7B
RGB	153, 205, 123
RGB Percent	60%, 80%, 48%
CMY	0.4000, 0.1961, 0.5176
CMYK	0.25, 0.00, 0.40, 0.20
HSL	98°, 45%, 64%
HSV	98°, 40%, 80%
XYZ	38.5433, 51.8650, 26.7184
YIQ	180.1040, -4.6700, -36.5260

Conversions

Conversions Part 2

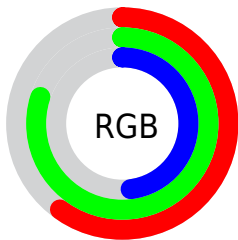
Format	Color
RYB	123, 205, 175
Decimal	10079611
CIELab	77.20, -31.63, 35.48
CIELCh	77, 47.533, 131.723
Yxy	51.8650, 0.3291, 0.4428
Android (android.graphics.Color)	4288269691 (0xFF99CD7B)
YUV	180.1040, -28.1523, -23.7702
Hunter-Lab	72.0174, -30.4981, 28.4156

Details

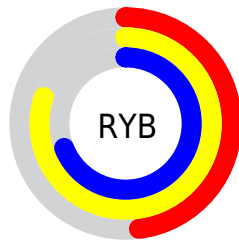
The XYZ color **38.5433, 51.8650, 26.7184** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **35.7839, 27.6892, 61.2190**, and the grayscale version is **43.5877, 45.8576, 49.9389**.

A 20% lighter version of the original color is **69.8910, 88.2099, 54.4169**, and **17.3645, 25.0031, 10.2142** is the 20% darker color. If you saturate the color by 10%, you get **35.0707, 50.2095, 20.5443**, and if you desaturate by 10%, it is **42.5546, 53.7704, 34.3226**.

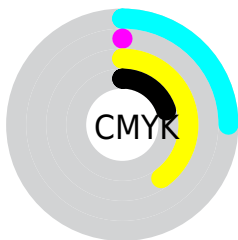
Distribution



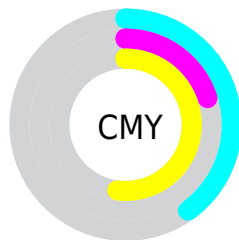
- Red (60%)
- Green (80%)
- Blue (48%)



- Red (48%)
- Yellow (80%)
- Blue (69%)



- Cyan (25%)
- Magenta (0%)
- Yellow (40%)
- Black (20%)




- Cyan (40%)
- Magenta (20%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5433, 51.8650, 26.7184 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 38.5433, 51.8650, 26.7184 by changing the saturation by 10% instead.

 38.5433, 51.8650,
26.7184


 38.5433, 51.8650,
26.7184


331.1856,
393.9152, 300.0080


 26.5838, 36.8975,
17.1313


 72.2387, 92.9321,
55.4299

 17.3958, 25.1281,
10.1652


 94.7052, 119.8005,
75.3913

 10.6142, 16.1725,
5.4016


 121.4047,
151.4046, 99.6480

 5.8734, 9.6463,
2.4219

152.7027,
188.1289, 128.6184

 2.8082, 5.1651,
0.7983

188.9644,
230.3577, 162.7210

 1.0531, 2.3445,
0.0000

230.5552,

 0.0000, 0.7971,

278.4754, 202.3745

0.0000

277.8405,
332.8665, 247.9973

■ 0.0000, 0.0000,
0.0000

■ 38.5433, 51.8650,
26.7184

■ 38.5433, 51.8650,
26.7184

■ 35.0707, 50.2095,
20.5443

■ 42.5546, 53.7704,
34.3226

■ 32.1076, 48.7859,
15.7073

■ 47.1245, 55.9292,
43.4352

■ 29.6273, 47.5844,
12.1091


■ 52.2761, 58.3536,
54.1329


■ 27.5990, 46.5914,
9.6363


■ 58.0304, 61.0525,
66.4860


■ 25.9872, 45.7916,
8.1544

■ 64.4070, 64.0349,
80.5610

 24.7336, 45.1604,
7.4132

 71.4248, 67.3089,
96.4203

 77.1932, 70.1192,
104.0736

 81.1224, 72.1448,
104.2575

Harmonies

Analogous

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



45.8256, 51.8650, 20.2430



38.5433, 51.8650, 26.7184



34.4772, 51.8650, 42.1685

Triad

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



38.5433, 51.8650, 26.7184



44.0095, 51.8650, 118.6764



68.4914, 51.8650, 46.8896

Complementary

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



38.5433, 51.8650, 26.7184



35.7839, 27.6892, 61.2190

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.



67.8487, 51.8650, 73.6919



38.5433, 51.8650, 26.7184



52.9376, 51.8650, 121.1260

Square

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



38.5433, 51.8650, 26.7184



37.3551, 51.8650, 96.8220



61.8831, 51.8650, 102.7423



63.5440, 51.8650, 29.2546

Rectangle

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



38.5433, 51.8650, 26.7184



33.7925, 51.8650, 57.9924



61.8831, 51.8650, 102.7423



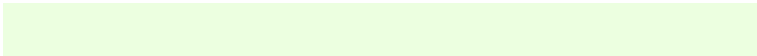
68.9370, 51.8650, 54.9788

Sweetspot

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



38.5446, 51.8672, 26.7195



83.7263, 94.6870, 84.6693



44.0711, 45.0453, 25.1115



17.6759, 20.1517, 17.6102



0.0000, 0.0000, 0.0000



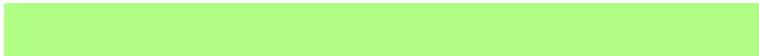
20.3446, 21.4041, 23.3091

Same Dimension

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



38.5446, 51.8672, 26.7195



58.1833, 82.5937, 34.9213



34.2997, 49.5954, 30.2959



11.4491, 12.7334, 11.9338



15.4928, 28.1622, 4.6193



0.8821, 1.4956, 0.2422

Inverse Universe

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



35.7839, 27.6892, 61.2190



53.0250, 37.6203, 99.0745



42.0069, 31.0445, 54.8589



11.2742, 11.1906, 14.1362



12.6993, 5.7543, 36.3976



0.7367, 0.3389, 1.8815

Previews

White Background



This preview shows how the XYZ color 38.5433, 51.8650, 26.7184 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 38.5433, 51.8650, 26.7184 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 38.5433, 51.8650, 26.7184

Background



This preview shows how black text looks on a background with the XYZ color 38.5433, 51.8650, 26.7184.



This preview shows how white text looks on a background with the XYZ color 38.5433, 51.8650,

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

38.5433, 51.8650, 26.7184

Protanopia

47.3565, 51.3767, 24.2504

Deuteranopia

52.3028, 51.3453, 27.5761



Tritanopia

47.0843, 51.8988, 68.5086

Trichromacy



Original Color

38.5433, 51.8650, 26.7184

Protanomaly

43.3384, 50.9269, 24.9985

Deuteranomaly

45.9988, 50.6126, 27.0835

Tritanomaly

43.3596, 51.7426, 49.8215

Monochromacy



Original Color

38.5433, 51.8650, 26.7184

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

41.0332, 47.4444, 39.7959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5433, 51.8650, 26.7184 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(153, 205, 123)` looks like.

```
.text, #text, p{  
    color:rgb(153, 205, 123)  
}
```

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(153, 205, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 205, 123) }
```

Border

The CSS property to change the border of an element to XYZ 38.5433, 51.8650, 26.7184 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(153, 205, 123) }
```


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

```
.border{ border-color:rgb(153, 205, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 205, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 205, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 205, 123);  
box-shadow:4px 4px 4px 4px rgb(153, 205,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5433, 51.8650, 26.7184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 205, 123) }
```

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

```
.background{ background-color: rgb(153,  
205, 123) }
```

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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