

Converting Colors

XYZ(38.7987, 53.1543, 17.2465)

Have a look what the booklet for
XYZ(38.7987, 53.1543, 17.2465)
contains.

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Color

**XYZ(38.9741, 53.3769,
17.2655)**

Conversions

Conversions Part 1

Format	Color
Hex	A1D057
RGB	161, 208, 87
RGB Percent	63%, 82%, 34%
CMY	0.3686, 0.1843, 0.6588
CMYK	0.23, 0.00, 0.58, 0.18
HSL	83°, 56%, 58%
HSV	83°, 58%, 82%
XYZ	38.9741, 53.3769, 17.2655
YIQ	180.1530, 10.8290, -47.5950

Conversions

Conversions Part 2

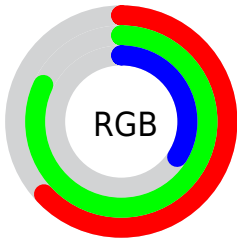
Format	Color
RYB	87, 208, 134
Decimal	10604631
CIELab	78.10, -34.13, 53.98
CIELCh	78, 63.867, 122.300
Yxy	53.3769, 0.3555, 0.4869
Android (android.graphics.Color)	4288794711 (0xFFA1D057)
YUV	180.1530, -45.9244, -16.7972
Hunter-Lab	73.0595, -32.6320, 37.1302

Details

The XYZ color **38.9741, 53.3769, 17.2655** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **24.6271, 16.4403, 61.5528**, and the grayscale version is **43.7008, 45.9767, 50.0686**.

A 20% lighter version of the original color is **69.4812, 88.3485, 38.5902**, and **17.5958, 25.9509, 5.4481** is the 20% darker color. If you saturate the color by 10%, you get **36.6681, 52.2743, 13.3431**, and if you desaturate by 10%, it is **41.6328, 54.6365, 22.4844**.

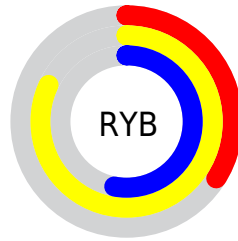
Distribution



Red (63%)

Green (82%)

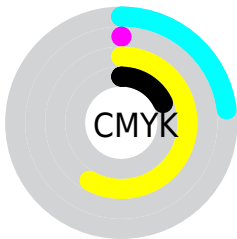
Blue (34%)



Red (34%)

Yellow (82%)

Blue (53%)

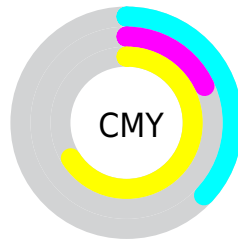


Cyan (23%)

Magenta (0%)

Yellow (58%)

Black (18%)



Cyan (37%)

Magenta (18%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9741, 53.3769, 17.2655 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 38.9741, 53.3769, 17.2655 by changing the saturation by 10% instead.

■ 38.9741, 53.3769,
17.2655

■ 38.9741, 53.3769,
17.2655

332.9894,
399.7295, 248.7933

■ 26.9202, 38.1037,
10.2600

■ 72.8931, 95.1587,
39.5786

■ 17.6496, 26.0632,
5.4638

■ 95.4889, 122.4362,
55.7233

■ 10.7969, 16.8709,
2.4584

■ 122.3294,
154.4839, 75.7514

■ 5.9967, 10.1425,
0.8180

■ 153.7799,
191.6862, 100.0816

■ 2.8837, 5.4936,
0.0000

190.2058,
234.4275, 129.1323

■ 1.0926, 2.5397,
0.0000

231.9724,

■ 0.0189, 0.8964,

283.0922, 163.3222

0.0000

279.4452,
338.0647, 203.0696

■ 0.0000, 0.0000,
0.0000

■ 38.9741, 53.3769,
17.2655

■ 38.9741, 53.3769,
17.2655

■ 36.6681, 52.2743,
13.3431

■ 41.6328, 54.6365,
22.4844

■ 34.6872, 51.3118,
10.5994

■ 44.6613, 56.0545,
29.0971

■ 33.0053, 50.4805,
8.9015

■ 48.0800, 57.6412,
37.1954

■ 31.5824, 49.7644,
8.0501

■ 51.9064, 59.4038,
46.8626

■ 31.3395, 49.6416,
7.9300

■ 56.1571, 61.3491,
58.1755

■ 60.8473, 63.4834,
71.2060

■ 65.9915, 65.8128,
86.0218

■ 71.6036, 68.3428,
102.6868

■ 74.4477, 69.7795,
104.1527

Harmonies

Analogous

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



49.7774, 53.3769, 12.9758



38.9741, 53.3769, 17.2655



32.3345, 53.3769, 31.6951

Triad

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



38.9741, 53.3769, 17.2655



40.3882, 53.3769, 142.5321



78.6454, 53.3769, 55.4072

Complementary

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



38.9741, 53.3769, 17.2655



24.6271, 16.4403, 61.5528

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.



75.0486, 53.3769, 96.2187



38.9741, 53.3769, 17.2655



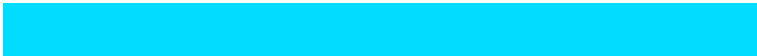
51.7010, 53.3769, 157.2142

Square

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



38.9741, 53.3769, 17.2655



33.0521, 53.3769, 103.0509



64.6473, 53.3769, 137.5813



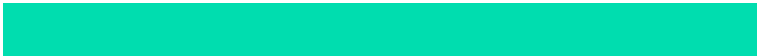
73.8068, 53.3769, 28.6160

Rectangle

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



38.9741, 53.3769, 17.2655



30.4964, 53.3769, 49.3984



64.6473, 53.3769, 137.5813



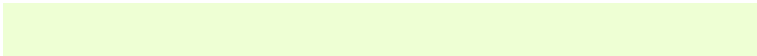
78.3821, 53.3769, 67.8085

Sweetspot

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



38.9754, 53.3793, 17.2666



82.9132, 94.4607, 75.9189



36.1749, 30.9801, 13.0908



17.4686, 20.0907, 15.5276



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.



38.9754, 53.3793, 17.2666



57.2488, 82.4452, 19.8252



29.6578, 48.5759, 16.8306



12.3402, 13.5588, 12.5788



19.6425, 30.9951, 4.9474



1.1857, 1.7781, 0.2807

Inverse Universe

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



24.6271, 16.4403, 61.5528



32.4949, 18.5545, 96.4765



37.0136, 22.8258, 62.1325



11.5918, 11.6384, 14.8791



9.3010, 3.9751, 37.4696



0.6079, 0.2675, 2.0992

Previews

White Background



This preview shows how the XYZ color 38.9741, 53.3769, 17.2655 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 38.9741, 53.3769, 17.2655 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 38.9741, 53.3769, 17.2655

Background



This preview shows how black text looks on a background with the XYZ color 38.9741, 53.3769, 17.2655.



This preview shows how white text looks on a background with the XYZ color 38.9741, 53.3769,

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

38.9741, 53.3769, 17.2655

Protanopia

48.3245, 53.0453, 15.6744

Deuteranopia

53.8789, 52.6796, 17.9181



Tritanopia

49.4044, 53.0805, 69.2697

Trichromacy



Original Color

38.9741, 53.3769, 17.2655

Protanomaly

44.3000, 52.6304, 16.2113

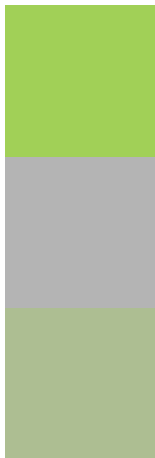
Deuteranomaly

47.0325, 52.0099, 17.4576

Tritanomaly

44.3318, 52.7197, 43.9158

Monochromacy



Original Color

38.9741, 53.3769, 17.2655

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

40.8353, 47.7865, 34.2656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9741, 53.3769, 17.2655 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(161, 208, 87)` looks like.

```
.text, #text, p{  
    color:rgb(161, 208, 87)  
}
```

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(161, 208, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 208, 87) }
```

Border

The CSS property to change the border of an element to XYZ 38.9741, 53.3769, 17.2655 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(161, 208, 87) }
```


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

```
.border{ border-color:rgb(161, 208, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 208, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 208, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 208, 87);  
box-shadow:4px 4px 4px 4px rgb(161, 208,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9741, 53.3769, 17.2655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 208, 87) }
```

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

```
.background{ background-color: rgb(161,  
208, 87) }
```

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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