

Converting Colors

XYZ(39.1527, 50.9336, 26.4686)

Have a look what the booklet for
XYZ(39.1527, 50.9336, 26.4686)
contains.

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Color

**XYZ(38.9590, 50.6769,
26.4672)**

Conversions

Conversions Part 1

Format	Color
Hex	A0C97B
RGB	160, 201, 123
RGB Percent	63%, 79%, 48%
CMY	0.3725, 0.2117, 0.5176
CMYK	0.20, 0.00, 0.39, 0.21
HSL	92°, 42%, 64%
HSV	92°, 39%, 79%
XYZ	38.9590, 50.6769, 26.4672
YIQ	179.8490, 0.6020, -32.9500

Conversions

Conversions Part 2

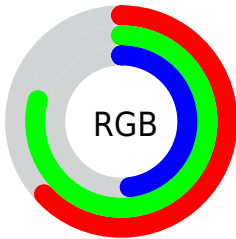
Format	Color
RYB	123, 201, 164
Decimal	10537339
CIELab	76.48, -27.22, 34.63
CIELCh	76, 44.050, 128.162
Yxy	50.6769, 0.3356, 0.4365
Android (android.graphics.Color)	4288727419 (0xFFA0C97B)
YUV	179.8490, -28.0266, -17.4076
Hunter-Lab	71.1877, -26.8905, 27.7877

Details

The XYZ color **38.9590, 50.6769, 26.4672** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **32.9376, 26.2770, 58.5970**, and the grayscale version is **43.4479, 45.7106, 49.7788**.

A 20% lighter version of the original color is **71.9154, 89.2535, 54.5116**, and **17.6997, 24.4743, 10.0945** is the 20% darker color. If you saturate the color by 10%, you get **35.8047, 49.1831, 20.4124**, and if you desaturate by 10%, it is **42.5538, 52.3710, 33.8933**.

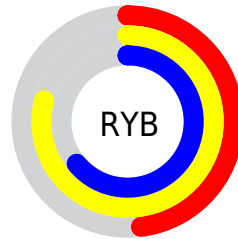
Distribution



Red (63%)

Green (79%)

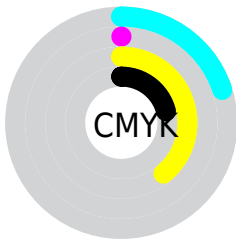
Blue (48%)



Red (48%)

Yellow (79%)

Blue (64%)

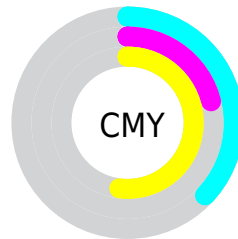


Cyan (20%)

Magenta (0%)

Yellow (39%)

Black (21%)



Cyan (37%)

Magenta (21%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.9590, 50.6769, 26.4672 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 38.9590, 50.6769, 26.4672 by changing the saturation by 10% instead.

■ 38.9590, 50.6769,
26.4672

■ 38.9590, 50.6769,
26.4672

332.9263,
389.3072, 298.7462

■ 26.9084, 35.9515,
16.9446

■ 72.8702, 91.1770,
55.0210

■ 17.6407, 24.3968,
10.0335

■ 95.4614, 117.7205,
74.8893

■ 10.7904, 15.6282,
5.3152

■ 122.2970,
148.9722, 99.0432

■ 5.9924, 9.2614,
2.3714

153.7422,
185.3165, 127.9013

■ 2.8810, 4.9121,
0.7708

190.1623,
227.1377, 161.8821

■ 1.0912, 2.1958,
0.0000

231.9228,

■ 0.0177, 0.7177,

274.8203, 201.4041

0.0000

279.3890,
328.7487, 246.8860

■ 0.0000, 0.0000,
0.0000

■ 38.9590, 50.6769,
26.4672

■ 38.9590, 50.6769,
26.4672

■ 35.8047, 49.1831,
20.4124

■ 42.5538, 52.3710,
33.8933

■ 33.0667, 47.8744,
15.6414

■ 46.6041, 54.2669,
42.7642

■ 30.7240, 46.7435,
12.0620


■ 51.1288, 56.3742,
53.1522


■ 28.7517, 45.7799,
9.5683


■ 56.1446, 58.7001,
65.1239


■ 27.1211, 44.9715,
8.0355


■ 61.6671, 61.2514,
78.7418


 25.7883, 44.3002,
7.2605

 67.7113, 64.0344,
94.0650

 25.6425, 44.2265,
7.1851

 72.8579, 66.4819,
103.6000

 76.4306, 68.3237,
103.7672

 80.1777, 70.2554,
103.9426

Harmonies

Analogous

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



45.9352, 50.6769, 21.1620



38.9590, 50.6769, 26.4672



34.8135, 50.6769, 39.8561

Triad

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



38.9590, 50.6769, 26.4672



42.4681, 50.6769, 109.4423



65.7646, 50.6769, 48.9373

Complementary

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



38.9590, 50.6769, 26.4672



32.9376, 26.2770, 58.5970

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.



64.5609, 50.6769, 73.9970



38.9590, 50.6769, 26.4672



50.4696, 50.6769, 113.9519

Square

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



38.9590, 50.6769, 26.4672



36.6714, 50.6769, 88.5321



58.7220, 50.6769, 99.5097



61.8440, 50.6769, 31.4712

Rectangle

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



38.9590, 50.6769, 26.4672



33.9053, 50.6769, 53.7249



58.7220, 50.6769, 99.5097



65.9537, 50.6769, 56.6581

Sweetspot

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



38.9603, 50.6791, 26.4683



84.8365, 95.2593, 84.7213



40.8150, 40.1505, 24.3383



17.9366, 20.2861, 17.6224



0.0000, 0.0000, 0.0000



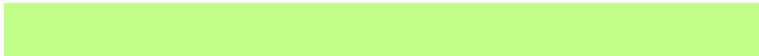
20.3446, 21.4041, 23.3091

Same Dimension

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



38.9603, 50.6791, 26.4683



61.8813, 84.4796, 36.0218



32.7137, 47.4494, 26.6037



10.9680, 12.1304, 11.3261



16.2264, 27.8603, 4.5224



0.8518, 1.3622, 0.2180

Inverse Universe

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



32.9376, 26.2770, 58.5970



50.0639, 36.6164, 99.0367



41.5626, 30.7410, 58.2056



10.5799, 10.5572, 13.3976



10.4473, 4.6200, 35.0855



0.5779, 0.2617, 1.6652

Previews

White Background



This preview shows how the XYZ color 38.9590, 50.6769, 26.4672 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 38.9590, 50.6769, 26.4672 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 38.9590, 50.6769, 26.4672

Background



This preview shows how black text looks on a background with the XYZ color 38.9590, 50.6769, 26.4672.



This preview shows how white text looks on a background with the XYZ color 38.9590, 50.6769,

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

38.9590, 50.6769, 26.4672

Protanopia

46.4301, 50.2536, 24.3923

Deuteranopia

51.2689, 50.2086, 27.4111



Tritanopia

46.7846, 50.4885, 65.6720

Trichromacy



Original Color

38.9590, 50.6769, 26.4672

Protanomaly

43.4464, 50.3148, 25.1912

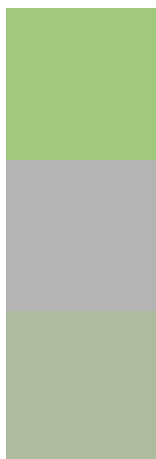
Deuteranomaly

45.8365, 49.8903, 26.9526

Tritanomaly

43.5000, 50.4896, 48.5271

Monochromacy



Original Color

38.9590, 50.6769, 26.4672

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

41.4748, 47.3539, 39.7551

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9590, 50.6769, 26.4672 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(160, 201, 123)` looks like.

```
.text, #text, p{  
    color:rgb(160, 201, 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(160, 201, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 201, 123) }
```

Border

The CSS property to change the border of an element to XYZ 38.9590, 50.6769, 26.4672 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(160, 201, 123) }
```


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

```
.border{ border-color:rgb(160, 201, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 201, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 201, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 201, 123);  
box-shadow:4px 4px 4px 4px rgb(160, 201,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9590, 50.6769, 26.4672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 201, 123) }
```

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

```
.background{ background-color: rgb(160,  
201, 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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