

Converting Colors

XYZ(29.5376, 38.6355, 29.5676)

Have a look what the booklet for
XYZ(29.5376, 38.6355, 29.5676)
contains.

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Color

**XYZ(29.5375, 38.6355,
29.5675)**

Conversions

Conversions Part 1

Format	Color
Hex	80B389
RGB	128, 179, 137
RGB Percent	50%, 70%, 54%
CMY	0.4980, 0.2980, 0.4627
CMYK	0.28, 0.00, 0.23, 0.30
HSL	131°, 25%, 60%
HSV	131°, 28%, 70%
XYZ	29.5375, 38.6355, 29.5675
YIQ	158.9630, -16.9140, -23.8740

Conversions

Conversions Part 2

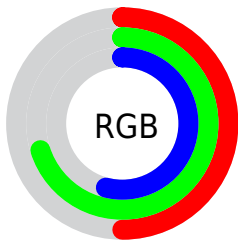
Format	Color
RYB	128, 171, 179
Decimal	8434569
CIELab	68.49, -25.49, 16.15
CIELCh	68, 30.178, 147.640
Yxy	38.6355, 0.3022, 0.3953
Android (android.graphics.Color)	4286624649 (0xFF80B389)
YUV	158.9630, -10.8278, -27.1546
Hunter-Lab	62.1575, -23.9516, 15.3067

Details

The XYZ color **29.5375, 38.6355, 29.5675** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.5665, 27.9251, 41.6526**, and the grayscale version is **32.9920, 34.7101, 37.7993**.

A 20% lighter version of the original color is **58.2940, 73.0795, 59.7485**, and **12.2417, 17.1876, 11.6892** is the 20% darker color. If you saturate the color by 10%, you get **26.0928, 36.9747, 24.2586**, and if you desaturate by 10%, it is **33.6038, 40.6022, 35.6614**.

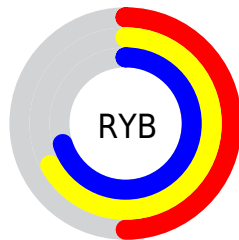
Distribution



Red (50%)

Green (70%)

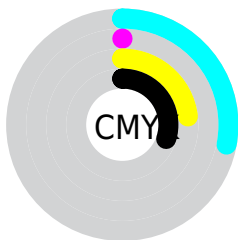
Blue (54%)



Red (50%)

Yellow (67%)

Blue (70%)

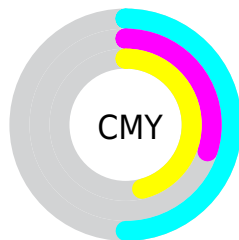


Cyan (28%)

Magenta (0%)

Yellow (23%)

Black (30%)



Cyan (50%)

Magenta (30%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5375, 38.6355, 29.5675 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 29.5375, 38.6355, 29.5675 by changing the saturation by 10% instead.

■ 29.5375, 38.6355,
29.5675

■ 29.5375, 38.6355,
29.5675

291.6913,
340.3383, 314.0276

■ 19.6341, 26.4763,
19.2613

■ 58.3217, 73.0812,
60.0304

■ 12.2361, 17.1803,
11.6805

■ 77.9331, 96.1364,
81.0242

■ 6.9780, 10.3631,
6.4066

■ 101.5114,
123.5924, 106.4176

■ 3.4946, 5.6404,
3.0211

129.4217,
155.8336, 136.6291

■ 1.4204, 2.6277,
1.1054

162.0296,
193.2444, 172.0774

■ 0.2707, 0.9406,
0.0000

199.7002,

■ 0.0000, 0.0000,

236.2092, 213.1808

0.0000

242.7990,
285.1124, 260.3580

■ 29.5375, 38.6355,
29.5675

■ 29.5375, 38.6355,
29.5675

■ 26.0928, 36.9747,
24.2586

■ 33.6038, 40.6022,
35.6614

■ 23.2357, 35.5998,
19.7002

■ 38.3172, 42.8841,
42.5677

■ 20.9339, 34.4958,
15.8593

■ 43.7056, 45.4960,
50.3157

■ 19.1506, 33.6446,
12.6992

■ 49.7943, 48.4504,
58.9324

■ 17.8441, 33.0255,
10.1800

■ 56.6072, 51.7591,
68.4437

■ 16.9666, 32.6147,
8.2576

■ 64.1671, 55.4334,
78.8742

■ 16.4406, 32.3735,
6.8814

■ 72.4961, 59.4840,
90.2479

■ 16.3760, 32.3437,
6.7173

■ 75.4000, 60.7174,
102.2967

■ 75.4108, 60.7217,
102.3536

Harmonies

Analogous

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



32.6474, 38.6355, 22.8962



29.5375, 38.6355, 29.5675



28.3346, 38.6355, 40.9998

Triad

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



29.5375, 38.6355, 29.5675



36.3472, 38.6355, 73.9720



45.4177, 38.6355, 31.0666

Complementary

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



29.5375, 38.6355, 29.5675



33.5665, 27.9251, 41.6526

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.



46.6197, 38.6355, 43.1535



29.5375, 38.6355, 29.5675



41.1220, 38.6355, 69.7409

Square

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



29.5375, 38.6355, 29.5675



32.0490, 38.6355, 68.2433



44.9859, 38.6355, 57.6711



41.8283, 38.6355, 23.6215

Rectangle

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



29.5375, 38.6355, 29.5675



28.6907, 38.6355, 50.4983



44.9859, 38.6355, 57.6711



46.1272, 38.6355, 34.6315

Sweetspot

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



29.5385, 38.6371, 29.5684



68.0287, 76.5134, 75.3727



36.7037, 42.4024, 26.6724



14.7881, 16.8142, 16.2862



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



29.5385, 38.6371, 29.5684



49.0186, 67.3214, 47.0070



31.5449, 39.4397, 40.1337



8.4482, 9.5138, 9.3538



11.5891, 22.8616, 4.8389



0.3831, 0.7267, 0.2493

Inverse Universe

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



33.5665, 27.9251, 41.6526



57.3827, 45.0654, 72.0907



31.4215, 27.0671, 30.3572



8.7844, 8.6205, 10.3630



16.9027, 8.2787, 20.4456



0.5487, 0.2672, 0.7321

Previews

White Background



This preview shows how the XYZ color 29.5375, 38.6355, 29.5675 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 29.5375, 38.6355, 29.5675 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

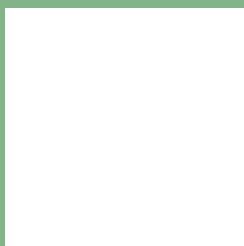
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.5375, 38.6355, 29.5675

Background



This preview shows how black text looks on a background with the XYZ color 29.5375, 38.6355, 29.5675.



This preview shows how white text looks on a background with the XYZ color 29.5375, 38.6355, 29.5675.

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

29.5375, 38.6355, 29.5675

Protanopia

35.8644, 38.2582, 26.9671

Deuteranopia

38.8644, 38.1411, 30.5129



Tritanopia

33.9320, 38.3686, 52.0718

Trichromacy



Original Color

29.5375, 38.6355, 29.5675

Protanomaly

33.0946, 38.1902, 27.8175

Deuteranomaly

34.7008, 37.8557, 30.2889

Tritanomaly

32.2294, 38.5554, 42.7891

Monochromacy



Original Color

29.5375, 38.6355, 29.5675

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.4349, 35.8027, 34.5320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5375, 38.6355, 29.5675 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(128, 179, 137)` looks like.

```
.text, #text, p{  
    color:rgb(128, 179, 137)  
}
```

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(128, 179, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 179, 137) }
```

Border

The CSS property to change the border of an element to XYZ 29.5375, 38.6355, 29.5675 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(128, 179, 137) }
```


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

```
.border{ border-color:rgb(128, 179, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 179, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 179, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 179, 137);  
box-shadow:4px 4px 4px 4px rgb(128, 179,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5375, 38.6355, 29.5675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 179, 137) }
```

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

```
.background{ background-color: rgb(128,  
179, 137) }
```

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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