

Converting Colors

XYZ(36.7155, 57.8441, 38.7261)

Have a look what the booklet for
XYZ(36.7155, 57.8441, 38.7261)
contains.

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Color

**XYZ(36.7368, 57.8536,
38.9364)**

Conversions

Conversions Part 1

Format	Color
Hex	5CE098
RGB	92, 224, 152
RGB Percent	36%, 88%, 60%
CMY	0.6392, 0.1216, 0.4039
CMYK	0.59, 0.00, 0.32, 0.12
HSL	147°, 68%, 62%
HSV	147°, 59%, 88%
XYZ	36.7368, 57.8536, 38.9364
YIQ	176.3240, -55.5600, -50.3760

Conversions

Conversions Part 2

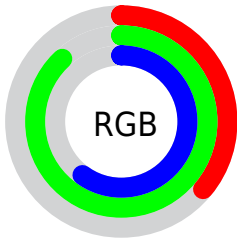
Format	Color
RYB	92, 183, 224
Decimal	6086808
CIELab	80.66, -52.41, 24.69
CIELCh	81, 57.937, 154.774
Yxy	57.8536, 0.2751, 0.4333
Android (android.graphics.Color)	4284276888 (0xFF5CE098)
YUV	176.3240, -11.9917, -73.9521
Hunter-Lab	76.0616, -46.8944, 22.8922

Details

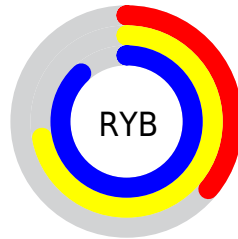
The XYZ color **36.7368, 57.8536, 38.9364** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **41.2703, 26.1832, 38.0028**, and the grayscale version is **41.5187, 43.6809, 47.5685**.

A 20% lighter version of the original color is **59.9714, 82.7004, 71.8334**, and **16.4142, 28.9771, 17.0399** is the 20% darker color. If you saturate the color by 10%, you get **33.8716, 56.4878, 33.8454**, and if you desaturate by 10%, it is **40.3695, 59.6062, 44.6041**.

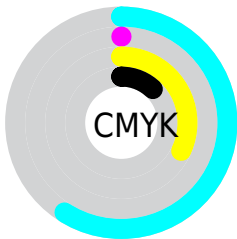
Distribution



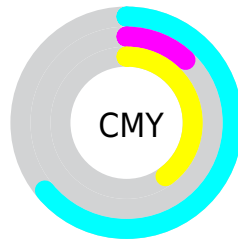
- Red (36%)
- Green (88%)
- Blue (60%)



- Red (36%)
- Yellow (72%)
- Blue (88%)



- Cyan (59%)
- Magenta (0%)
- Yellow (32%)
- Black (12%)





- Cyan (64%)
- Magenta (12%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.7368, 57.8536, 38.9364 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 36.7368, 57.8536, 38.9364 by changing the saturation by 10% instead.


 36.7368, 57.8536,
38.9364


 36.7368, 57.8536,
38.9364


323.5450,
416.6402, 357.0379


 25.1765, 41.6910,
26.4028


 69.4843, 101.7096,
74.7604


 16.3380, 28.8594,
16.8968

 91.4021, 130.1718,
98.8879

 9.8560, 18.9745,
9.9997


 117.5033,
163.5027, 127.7171

 5.3651, 11.6518,
5.2932

 148.1530,
202.0865, 161.6666

 2.5000, 6.5071,
2.3586

183.7167,
246.3078, 201.1549

 0.8953, 3.1558,
0.7637

224.5596,

 0.0000, 1.2136,

296.5509, 246.6005

0.0000

271.0473,
353.2003, 298.4220

■ 0.0000, 0.0728,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 36.7368, 57.8536,
38.9364

■ 36.7368, 57.8536,
38.9364

■ 33.8716, 56.4878,
33.8454

■ 40.3695, 59.6062,
44.6041

■ 31.7060, 55.4696,
29.3079


■ 44.8211, 61.7672,
50.8626

■ 30.1672, 54.7634,
25.3048


■ 50.1435, 64.3645,
57.7305


■ 29.1414, 54.3107,
21.8128


■ 56.3829, 67.4216,
65.2242

 29.0460, 54.2691,
21.4672

 63.5822, 70.9604,
73.3597

 71.7815, 75.0012,
82.1522

 81.0184, 79.5631,
91.6163

 85.1130, 81.4599,
101.4753

 85.9467, 81.7934,
105.8656

Harmonies

Analogous

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



42.9146, 57.8536, 22.9709



36.7368, 57.8536, 38.9364



35.1492, 57.8536, 68.6205

Triad

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



36.7368, 57.8536, 38.9364



56.9196, 57.8536, 153.7655



76.0657, 57.8536, 32.4605

Complementary

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



36.7368, 57.8536, 38.9364



41.2703, 26.1832, 38.0028

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.



81.1631, 57.8536, 57.6814



36.7368, 57.8536, 38.9364



69.1370, 57.8536, 133.8359

Square

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



36.7368, 57.8536, 38.9364



45.7793, 57.8536, 143.0777



78.4607, 57.8536, 95.3464



65.3558, 57.8536, 20.2915

Rectangle

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



36.7368, 57.8536, 38.9364



36.6784, 57.8536, 94.7289



78.4607, 57.8536, 95.3464



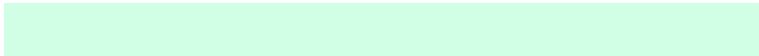
78.5577, 57.8536, 39.2780

Sweetspot

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



36.7383, 57.8559, 38.9377



76.3606, 90.8010, 88.3376



44.0233, 62.0430, 19.7811



15.7848, 19.1606, 18.2540



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.



36.7383, 57.8559, 38.9377



44.6016, 75.3824, 43.7604



43.6476, 60.6197, 75.3217



13.7865, 15.4403, 15.9111



16.9626, 31.6099, 12.7920



1.2205, 2.2089, 1.1222

Inverse Universe

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



41.2703, 26.1832, 38.0028



51.1999, 29.1567, 42.3155



36.8023, 24.3960, 14.4743



14.0184, 13.8250, 15.8672



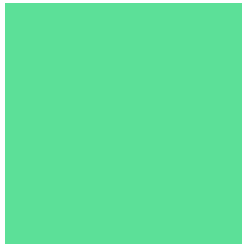
20.0033, 10.0683, 11.9492



1.4315, 0.7159, 1.0653

Previews

White Background



This preview shows how the XYZ color 36.7368, 57.8536, 38.9364 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 36.7368, 57.8536, 38.9364 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 36.7368, 57.8536, 38.9364

Background



This preview shows how black text looks on a background with the XYZ color 36.7368, 57.8536, 38.9364.



This preview shows how white text looks on a background with the XYZ color 36.7368, 57.8536,

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

36.7368, 57.8536, 38.9364

Protanopia

52.7334, 56.6074, 33.3463

Deuteranopia

57.8438, 56.7537, 40.7068



Tritanopia

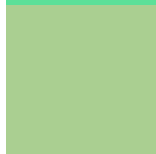
45.6728, 57.5757, 84.3073

Trichromacy



Original Color

36.7368, 57.8536, 38.9364



Protanomaly

44.0012, 55.2160, 35.1267



Deuteranomaly

46.1791, 54.8155, 39.5990



Tritanomaly

41.7955, 57.5329, 64.7792

Monochromacy



Original Color

36.7368, 57.8536, 38.9364



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

37.7221, 46.9497, 43.6332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.7368, 57.8536, 38.9364 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(92, 224, 152)` looks like.

```
.text, #text, p{  
    color:rgb(92, 224, 152)  
}
```

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(92, 224, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 224, 152) }
```

Border

The CSS property to change the border of an element to XYZ 36.7368, 57.8536, 38.9364 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(92, 224, 152) }
```


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

```
.border{ border-color:rgb(92, 224, 152) }
```

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

Here you see how a box with a 4 pixel rgb(92, 224, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 224, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 224, 152);  
box-shadow:4px 4px 4px 4px rgb(92, 224,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 36.7368, 57.8536, 38.9364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 224, 152) }
```

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

```
.background{ background-color: rgb(92, 224,  
152) }
```

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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