

Converting Colors

XYZ(39.2497, 57.1329, 37.2697)

Have a look what the booklet for
XYZ(39.2497, 57.1329, 37.2697)
contains.

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Color

**XYZ(39.3605, 57.2686,
37.4132)**

Conversions

Conversions Part 1

Format	Color
Hex	7EDB95
RGB	126, 219, 149
RGB Percent	49%, 86%, 58%
CMY	0.5059, 0.1412, 0.4157
CMYK	0.42, 0.00, 0.32, 0.14
HSL	135°, 56%, 68%
HSV	135°, 42%, 86%
XYZ	39.3605, 57.2686, 37.4132
YIQ	183.2130, -32.9580, -41.4860

Conversions

Conversions Part 2

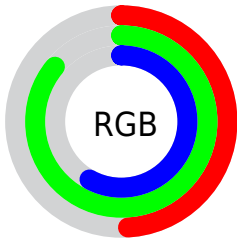
Format	Color
RYB	126, 201, 219
Decimal	8313749
CIELab	80.33, -42.53, 26.00
CIELCh	80, 49.850, 148.557
Yxy	57.2686, 0.2936, 0.4272
Android (android.graphics.Color)	4286503829 (0xFF7EDB95)
YUV	183.2130, -16.8670, -50.1758
Hunter-Lab	75.6760, -39.5919, 23.6610

Details

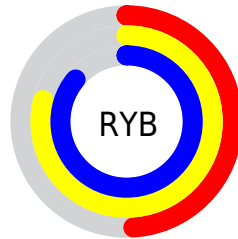
The XYZ color **39.3605, 57.2686, 37.4132** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **46.6399, 33.9684, 56.3249**, and the grayscale version is **45.2305, 47.5860, 51.8212**.

A 20% lighter version of the original color is **65.8309, 85.7769, 69.5869**, and **17.8276, 28.3783, 16.0932** is the 20% darker color. If you saturate the color by 10%, you get **35.2537, 55.2945, 30.8310**, and if you desaturate by 10%, it is **44.3635, 59.6864, 45.0122**.

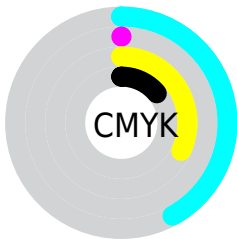
Distribution



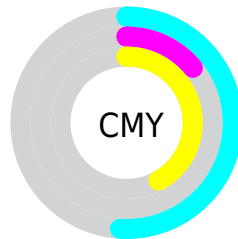
- Red (49%)
- Green (86%)
- Blue (58%)



- Red (49%)
- Yellow (79%)
- Blue (86%)



- Cyan (42%)
- Magenta (0%)
- Yellow (32%)
- Black (14%)





- Cyan (51%)
- Magenta (14%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3605, 57.2686, 37.4132 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 39.3605, 57.2686, 37.4132 by changing the saturation by 10% instead.

 39.3605, 57.2686,
37.4132


 39.3605, 57.2686,
37.4132


334.6016,
414.4550, 350.3184


 27.2223, 41.2209,
25.2293


 73.4793, 100.8570,
72.4012

 17.8777, 28.4918,
16.0274


 96.1905, 129.1665,
96.0425

 10.9614, 18.6967,
9.3890

 123.1568,
162.3321, 124.3398

 6.1080, 11.4513,
4.8955

154.7435,
200.7382, 157.7120

 2.9521, 6.3713,
2.1284

191.3160,
244.7691, 196.5773

 1.1285, 3.0721,
0.6326

233.2396,

 0.0488, 1.1695,

294.8093, 241.3545

0.0000

280.8797,
351.2431, 292.4620

■ 0.0000, 0.0366,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.3605, 57.2686,
37.4132

■ 39.3605, 57.2686,
37.4132

■ 35.2537, 55.2945,
30.8310

■ 44.3635, 59.6864,
45.0122

■ 31.9841, 53.7298,
25.2185


■ 50.3079, 62.5655,
53.6648


■ 29.4928, 52.5467,
20.5307


■ 57.2412, 65.9312,
63.4105


■ 27.7106, 51.7105,
16.7175


■ 65.2063, 69.8049,
74.2857

 26.5555, 51.1801,
13.7237

 74.2436, 74.2067,
86.3251

 26.0023, 50.9331,
11.9707

 83.5015, 78.6968,
99.5204

 84.6226, 79.1453,
105.4242

Harmonies

Analogous

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



45.5877, 57.2686, 24.8980



39.3605, 57.2686, 37.4132



37.0914, 57.2686, 60.9529

Triad

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



39.3605, 57.2686, 37.4132



53.9400, 57.2686, 137.0118



73.5317, 57.2686, 39.1820

Complementary

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



39.3605, 57.2686, 37.4132



46.6399, 33.9684, 56.3249

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.



76.4774, 57.2686, 63.7800



39.3605, 57.2686, 37.4132



64.3523, 57.2686, 125.8161

Square

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



39.3605, 57.2686, 37.4132



44.8323, 57.2686, 123.5726



72.9302, 57.2686, 96.4699



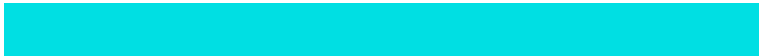
65.3128, 57.2686, 25.6724

Rectangle

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



39.3605, 57.2686, 37.4132



37.8814, 57.2686, 81.9863



72.9302, 57.2686, 96.4699



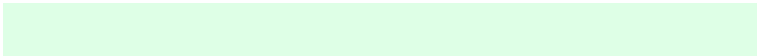
75.2134, 57.2686, 46.1391

Sweetspot

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



39.3620, 57.2710, 37.4145



80.1280, 92.7418, 88.5764



52.2041, 64.0830, 29.3569



16.6623, 19.6133, 18.2792



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.



39.3620, 57.2710, 37.4145



50.3056, 78.3144, 44.4138



43.6975, 59.0052, 60.2449



13.0179, 14.6588, 14.5574



15.4543, 30.2144, 7.2918



1.0356, 1.9712, 0.6533

Inverse Universe

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



46.6399, 33.9684, 56.3249



61.8646, 41.2335, 74.3950



42.2456, 32.2107, 33.1846



13.4696, 13.2169, 15.7341



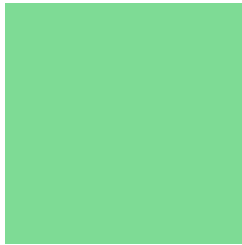
21.3862, 10.5555, 22.2113



1.4189, 0.6972, 1.6150

Previews

White Background



This preview shows how the XYZ color 39.3605, 57.2686, 37.4132 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 39.3605, 57.2686, 37.4132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

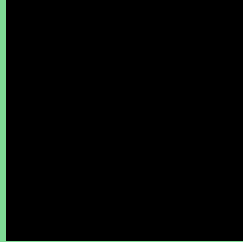
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.3605, 57.2686, 37.4132

Background



This preview shows how black text looks on a background with the XYZ color 39.3605, 57.2686, 37.4132.



This preview shows how white text looks on a background with the XYZ color 39.3605, 57.2686,

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

39.3605, 57.2686, 37.4132

Protanopia

52.6593, 56.5778, 32.9561

Deuteranopia

57.6086, 56.3493, 38.8505



Tritanopia

47.8556, 56.9316, 80.4181

Trichromacy



Original Color

39.3605, 57.2686, 37.4132



Protanomaly

46.3206, 56.0709, 34.3680



Deuteranomaly

48.6287, 55.4107, 38.2693



Tritanomaly

44.3038, 56.9841, 62.0901

Monochromacy



Original Color

39.3605, 57.2686, 37.4132



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

41.9909, 50.1015, 45.9855

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3605, 57.2686, 37.4132 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(126, 219, 149)` looks like.

```
.text, #text, p{  
    color:rgb(126, 219, 149)  
}
```

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(126, 219, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 219, 149) }
```

Border

The CSS property to change the border of an element to XYZ 39.3605, 57.2686, 37.4132 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(126, 219, 149) }
```


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

```
.border{ border-color:rgb(126, 219, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 219, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 219, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 219, 149); box-shadow:4px 4px 4px 4px rgb(126, 219, 149) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3605, 57.2686, 37.4132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 219, 149) }
```

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

```
.background{ background-color: rgb(126,  
219, 149) }
```

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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