

Converting Colors

XYZ(39.7348, 59.8162, 39.2995)

Have a look what the booklet for
XYZ(39.7348, 59.8162, 39.2995)
contains.

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Color

**XYZ(39.6629, 59.7623,
39.1506)**

Conversions

Conversions Part 1

Format	Color
Hex	73E198
RGB	115, 225, 152
RGB Percent	45%, 88%, 60%
CMY	0.5490, 0.1176, 0.4039
CMYK	0.49, 0.00, 0.32, 0.12
HSL	140°, 65%, 67%
HSV	140°, 49%, 88%
XYZ	39.6629, 59.7623, 39.1506
YIQ	183.7880, -42.1270, -46.0230

Conversions

Conversions Part 2

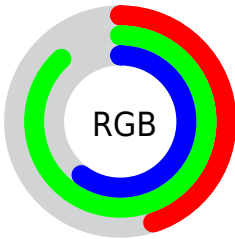
Format	Color
RYB	115, 197, 225
Decimal	7594392
CIELab	81.71, -47.52, 26.24
CIELCh	82, 54.286, 151.088
Yxy	59.7623, 0.2862, 0.4313
Android (android.graphics.Color)	4285784472 (0xFF73E198)
YUV	183.7880, -15.6715, -60.3271
Hunter-Lab	77.3061, -43.7039, 24.0877

Details

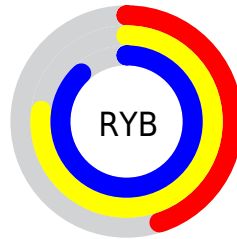
The XYZ color **39.6629, 59.7623, 39.1506** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **46.2610, 31.9010, 51.2981**, and the grayscale version is **45.5446, 47.9164, 52.1810**.

A 20% lighter version of the original color is **64.2561, 84.9092, 72.0340**, and **18.0638, 30.1083, 16.9160** is the 20% darker color. If you saturate the color by 10%, you get **35.9106, 57.9621, 32.9884**, and if you desaturate by 10%, it is **44.2943, 62.0012, 46.1603**.

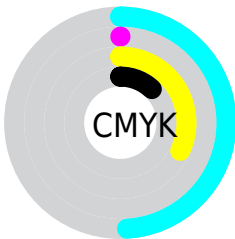
Distribution



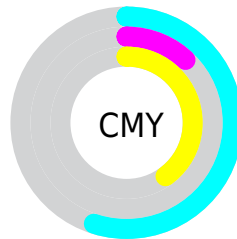
- Red (45%)
- Green (88%)
- Blue (60%)



- Red (45%)
- Yellow (77%)
- Blue (88%)



- Cyan (49%)
- Magenta (0%)
- Yellow (32%)
- Black (12%)




- Cyan (55%)
- Magenta (12%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6629, 59.7623, 39.1506 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 39.6629, 59.7623, 39.1506 by changing the saturation by 10% instead.

 39.6629, 59.7623,
39.1506


 39.6629, 59.7623,
39.1506


335.8595,
423.7211, 357.9754


 27.4588, 43.2271,
26.5682


 73.9375, 104.4848,
75.0912

 18.0565, 30.0633,
17.0196


 96.7388, 133.4408,
99.2865

 11.0905, 19.8867,
10.0864


 123.8032,
167.3059, 128.1897

 6.1955, 12.3127,
5.3499

155.4961,
206.4645, 162.2196

 3.0061, 6.9570,
2.3917

192.1828,
251.3009, 201.7945

 1.1570, 3.4352,
0.7819

234.2287,

 0.0720, 1.3630,

302.1995, 247.3331

0.0000

281.9992,
359.5448, 299.2539

■ 0.0000, 0.1892,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.6629, 59.7623,
39.1506

■ 39.6629, 59.7623,
39.1506

■ 35.9106, 57.9621,
32.9884

■ 44.2943, 62.0012,
46.1603

■ 32.9736, 56.5634,
27.6372


■ 49.8537, 64.6984,
54.0441


■ 30.7865, 55.5349,
23.0635


■ 56.3917, 67.8811,
62.8326


■ 29.2710, 54.8369,
19.2299


■ 63.9537, 71.5722,
72.5535

 28.3093, 54.4096,
16.0947

 72.5826, 75.7931,
83.2333

 28.2199, 54.3702,
15.7870

 82.3183, 80.5639,
94.8975

 86.2164, 82.3328,
105.9555

Harmonies

Analogous

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



46.1987, 59.7623, 24.6990



39.6629, 59.7623, 39.1506



37.5500, 59.7623, 66.2732

Triad

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



39.6629, 59.7623, 39.1506



57.2205, 59.7623, 150.4046



77.7650, 59.7623, 37.6941

Complementary

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



39.6629, 59.7623, 39.1506



46.2610, 31.9010, 51.2981

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.



81.7148, 59.7623, 63.8834



39.6629, 59.7623, 39.1506



68.9156, 59.7623, 135.1748

Square

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



39.6629, 59.7623, 39.1506



46.8312, 59.7623, 137.1295



78.2805, 59.7623, 100.4672



68.0969, 59.7623, 24.0779

Rectangle

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



39.6629, 59.7623, 39.1506



38.6744, 59.7623, 90.4305



78.2805, 59.7623, 100.4672



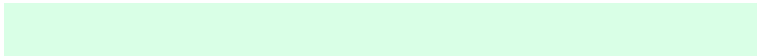
79.8594, 59.7623, 44.9600

Sweetspot

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



39.6645, 59.7648, 39.1520



78.5300, 91.9250, 88.1848



50.8430, 65.8248, 26.2458



16.3668, 19.4602, 18.3016



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.



39.6645, 59.7648, 39.1520



47.4625, 76.8679, 43.4145



45.2190, 61.9866, 68.4018



13.7180, 15.4129, 15.5504



16.3097, 31.3487, 9.3539



1.1712, 2.1892, 0.8628

Inverse Universe

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



46.2610, 31.9010, 51.2981



57.1923, 35.6503, 61.2417



41.4404, 29.9727, 25.9130



14.0888, 13.8532, 16.2379



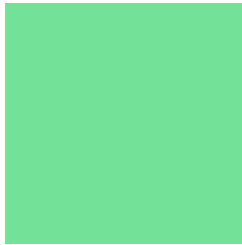
21.0904, 10.5032, 17.6736



1.5031, 0.7445, 1.4419

Previews

White Background



This preview shows how the XYZ color 39.6629, 59.7623, 39.1506 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 39.6629, 59.7623, 39.1506 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

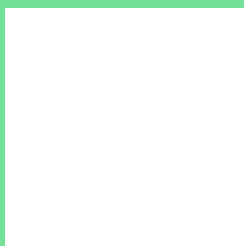
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.6629, 59.7623, 39.1506

Background



This preview shows how black text looks on a background with the XYZ color 39.6629, 59.7623, 39.1506.



This preview shows how white text looks on a background with the XYZ color 39.6629, 59.7623,

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

39.6629, 59.7623, 39.1506

Protanopia

54.9165, 59.0995, 34.1041

Deuteranopia

60.1419, 58.9196, 41.0037



Tritanopia

48.8576, 59.5780, 85.2686

Trichromacy



Original Color

39.6629, 59.7623, 39.1506



Protanomaly

47.2910, 57.9923, 35.8953



Deuteranomaly

49.5703, 57.2694, 39.8940



Tritanomaly

45.0131, 59.5640, 65.6245

Monochromacy



Original Color

39.6629, 59.7623, 39.1506



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

42.1679, 51.1963, 46.6891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6629, 59.7623, 39.1506 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(115, 225, 152)` looks like.

```
.text, #text, p{  
    color:rgb(115, 225, 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(115, 225, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 225, 152) }
```

Border

The CSS property to change the border of an element to XYZ 39.6629, 59.7623, 39.1506 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(115, 225, 152) }
```


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

```
.border{ border-color:rgb(115, 225, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 225, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 225, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 225, 152);  
box-shadow:4px 4px 4px 4px rgb(115, 225,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6629, 59.7623, 39.1506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 225, 152) }
```

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

```
.background{ background-color: rgb(115,  
225, 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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