

Converting Colors

XYZ(39.1795, 65.6571, 40.9230)

Have a look what the booklet for
XYZ(39.1795, 65.6571, 40.9230)
contains.

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Color

**XYZ(39.2246, 65.8134,
40.7729)**

Conversions

Conversions Part 1

Format	Color
Hex	43F099
RGB	67, 240, 153
RGB Percent	26%, 94%, 60%
CMY	0.7372, 0.0588, 0.4000
CMYK	0.72, 0.00, 0.36, 0.06
HSL	150°, 85%, 60%
HSV	150°, 72%, 94%
XYZ	39.2246, 65.8134, 40.7729
YIQ	178.3550, -75.1810, -63.7330

Conversions

Conversions Part 2

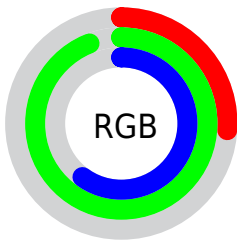
Format	Color
RYB	67, 183, 240
Decimal	4452505
CIELab	84.90, -62.66, 29.81
CIELCh	85, 69.391, 154.557
Yxy	65.8134, 0.2690, 0.4514
Android (android.graphics.Color)	4282642585 (0xFF43F099)
YUV	178.3550, -12.5000, -97.6583
Hunter-Lab	81.1255, -55.6638, 26.9892

Details

The XYZ color **39.2246, 65.8134, 40.7729** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **43.7772, 24.8741, 33.0682**, and the grayscale version is **42.5993, 44.8178, 48.8066**.

A 20% lighter version of the original color is **57.2985, 81.3083, 72.3486**, and **19.2824, 34.8066, 18.0140** is the 20% darker color. If you saturate the color by 10%, you get **36.9604, 64.7574, 35.7245**, and if you desaturate by 10%, it is **42.2742, 67.2662, 46.3874**.

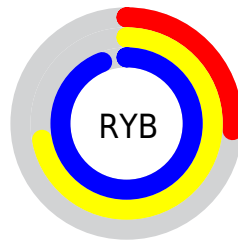
Distribution



Red (26%)

Green (94%)

Blue (60%)



Red (26%)

Yellow (72%)

Blue (94%)

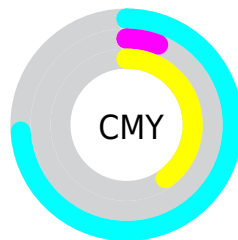


Cyan (72%)

Magenta (0%)

Yellow (36%)

Black (6%)



Cyan (74%)


Magenta (6%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2246, 65.8134, 40.7729 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 39.2246, 65.8134, 40.7729 by changing the saturation by 10% instead.


 39.2246, 65.8134,
40.7729


 39.2246, 65.8134,
40.7729


334.0352,
445.7092, 365.0191


 27.1160, 48.1209,
27.8233


 73.2732, 113.2185,
77.5889


 17.7974, 33.9227,
17.9546


 95.9439, 143.6999,
102.2925

 10.9034, 22.8342,
10.7483


 122.8660,
179.2130, 131.7511

 6.0688, 14.4711,
5.7858

 154.4049,
220.1424, 166.3833

 2.9280, 8.4491,
2.6486

190.9259,
266.8723, 206.6077

 1.1158, 4.3836,
0.9174

232.7944,

 0.0383, 1.8904,

319.7871, 252.8427

0.0000

280.3757,
379.2713, 305.5070

0.0000, 0.5426,
0.0000

0.0000, 0.0000,
0.0000

39.2246, 65.8134,
40.7729

39.2246, 65.8134,
40.7729

36.9604, 64.7574,
35.7245

42.2742, 67.2662,
46.3874


35.3833, 64.0424,
31.2177


46.1822, 69.1478,
52.5821


34.5095, 63.6619,
28.0185


51.0180, 71.4954,
59.3758


56.8425, 74.3401,
66.7854

 63.7112, 77.7102,
74.8266

 71.6753, 81.6317,
83.5146

 80.7825, 86.1291,
92.8643

 89.5878, 90.4572,
102.8201

 90.4513, 90.8026,
107.3671

Harmonies

Analogous

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



47.0608, 65.8134, 21.6979



39.2246, 65.8134, 40.7729



37.2023, 65.8134, 78.6910

Triad

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



39.2246, 65.8134, 40.7729



64.9629, 65.8134, 195.6301



90.5941, 65.8134, 33.1949

Complementary

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



39.2246, 65.8134, 40.7729



43.7772, 24.8741, 33.0682

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.



97.3989, 65.8134, 65.0600



39.2246, 65.8134, 40.7729



81.1206, 65.8134, 168.0182

Square

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



39.2246, 65.8134, 40.7729



50.5521, 65.8134, 180.3320



93.6736, 65.8134, 115.1717



76.3186, 65.8134, 18.7684

Rectangle

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



39.2246, 65.8134, 40.7729



39.0815, 65.8134, 113.5315



93.6736, 65.8134, 115.1717



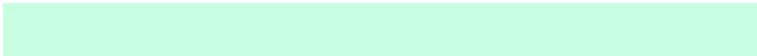
93.9298, 65.8134, 41.6032

Sweetspot

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



39.2263, 65.8160, 40.7744



73.1224, 89.1828, 85.8793



45.9599, 69.8346, 16.3679



15.1660, 18.8504, 17.8287



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.



39.2263, 65.8160, 40.7744



41.5659, 73.9252, 38.7509



48.7801, 69.6375, 91.0838



15.8936, 17.7874, 18.4624



18.9574, 34.8750, 15.6906



1.6273, 2.9214, 1.5697

Inverse Universe

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



43.7772, 24.8741, 33.0682



47.0490, 24.5785, 29.4527



39.0459, 22.9816, 8.1537



16.1044, 15.8915, 18.1060



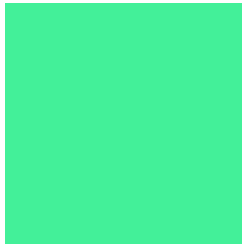
21.6178, 10.9195, 11.1698



1.8486, 0.9285, 1.1938

Previews

White Background



This preview shows how the XYZ color 39.2246, 65.8134, 40.7729 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 39.2246, 65.8134, 40.7729 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 39.2246, 65.8134, 40.7729

Background



This preview shows how black text looks on a background with the XYZ color 39.2246, 65.8134, 40.7729.



This preview shows how white text looks on a background with the XYZ color 39.2246, 65.8134,

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

39.2246, 65.8134, 40.7729

Protanopia

59.7751, 64.4806, 34.1065

Deuteranopia

65.6482, 64.4425, 43.1610



Tritanopia

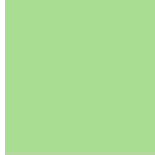
50.6335, 65.7573, 98.0194

Trichromacy



Original Color

39.2246, 65.8134, 40.7729



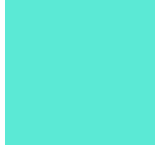
Protanomaly

47.3295, 62.1923, 36.2978



Deuteranomaly

49.8699, 61.4387, 42.0313



Tritanomaly

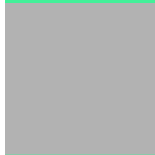
45.4635, 65.3061, 73.1599

Monochromacy



Original Color

39.2246, 65.8134, 40.7729



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

38.5293, 50.0411, 45.1643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2246, 65.8134, 40.7729 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(67, 240, 153)` looks like.

```
.text, #text, p{  
    color:rgb(67, 240, 153)  
}
```

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(67, 240, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 240, 153) }
```

Border

The CSS property to change the border of an element to XYZ 39.2246, 65.8134, 40.7729 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(67, 240, 153) }
```


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

```
.border{ border-color:rgb(67, 240, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 240, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 240, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 240, 153);  
box-shadow:4px 4px 4px 4px rgb(67, 240,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2246, 65.8134, 40.7729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 240, 153) }
```

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

```
.background{ background-color: rgb(67, 240,  
153) }
```

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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