

Converting Colors

XYZ(39.4724, 66.1197, 26.7742)

Have a look what the booklet for
XYZ(39.4724, 66.1197, 26.7742)
contains.

XYZ(39.6214, 66.3247, 26.9333)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.6214, 66.3247,
26.9333)**

Conversions

Conversions Part 1

Format	Color
Hex	65F073
RGB	101, 240, 115
RGB Percent	40%, 94%, 45%
CMY	0.6039, 0.0588, 0.5490
CMYK	0.58, 0.00, 0.52, 0.06
HSL	126°, 82%, 67%
HSV	126°, 58%, 94%
XYZ	39.6214, 66.3247, 26.9333
YIQ	184.1890, -42.7190, -68.3430

Conversions

Conversions Part 2

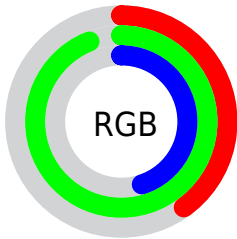
Format	Color
RYB	101, 227, 240
Decimal	6680691
CIELab	85.16, -62.53, 48.87
CIElCh	85, 79.364, 141.993
Yxy	66.3247, 0.2982, 0.4991
Android (android.graphics.Color)	4284870771 (0xFF65F073)
YUV	184.1890, -34.1102, -72.9568
Hunter-Lab	81.4400, -55.6778, 37.4000

Details

The XYZ color **39.6214, 66.3247, 26.9333** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **54.3182, 33.3246, 75.5223**, and the grayscale version is **45.8655, 48.2540, 52.5486**.

A 20% lighter version of the original color is **58.0257, 82.1711, 50.3385**, and **18.0715, 34.3532, 10.2358** is the 20% darker color. If you saturate the color by 10%, you get **36.2165, 64.6984, 21.0331**, and if you desaturate by 10%, it is **44.1047, 68.4772, 34.4044**.

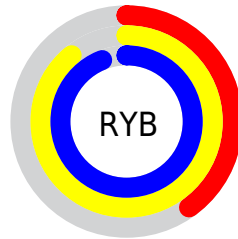
Distribution



Red (40%)

Green (94%)

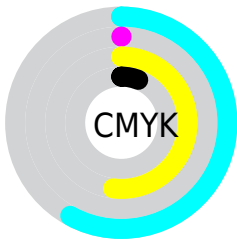
Blue (45%)



Red (40%)

Yellow (89%)

Blue (94%)

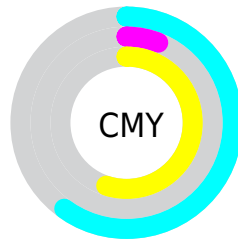


Cyan (58%)

Magenta (0%)

Yellow (52%)

Black (6%)



Cyan (60%)


Magenta (6%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6214, 66.3247, 26.9333 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 39.6214, 66.3247, 26.9333 by changing the saturation by 10% instead.


 39.6214, 66.3247,
26.9333


 39.6214, 66.3247,
26.9333


335.6871,
447.5372, 301.0840


 27.4264, 48.5360,
17.2911


 73.8747, 113.9522,
55.7793

 18.0319, 34.2516,
10.2781

 96.6636, 144.5599,
75.8201

 11.0727, 23.0869,
5.4757


 123.7146,
180.2094, 100.1643

 6.1834, 14.6577,
2.4654

155.3929,
221.2850, 129.2304

 2.9987, 8.5795,
0.8218

192.0640,
268.1712, 163.4368

 1.1531, 4.4679,
0.0000

234.0931,

 0.0688, 1.9386,

321.2524, 203.2022

0.0000

281.8457,
380.9129, 248.9451

■ 0.0000, 0.5714,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.6214, 66.3247,
26.9333

■ 39.6214, 66.3247,
26.9333

■ 36.2165, 64.6984,
21.0331

■ 44.1047, 68.4772,
34.4044

■ 33.7940, 63.5455,
16.5876


■ 49.7422, 71.1870,
43.5428


■ 32.2493, 62.8165,
13.4716


■ 56.6084, 74.4925,
54.4424


■ 31.4417, 62.4422,
11.5367

■ 64.7700, 78.4263,
67.1888

 31.3281, 62.3895,
11.2651

 74.2892, 83.0187,
81.8622

 85.2239, 88.2980,
98.5378

 90.4514, 90.8028,
107.3671

Harmonies

Analogous

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



51.0079, 66.3247, 13.9511



39.6214, 66.3247, 26.9333



34.7280, 66.3247, 59.3358

Triad

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



39.6214, 66.3247, 26.9333



58.3652, 66.3247, 220.4297



100.6461, 66.3247, 41.2325

Complementary

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



39.6214, 66.3247, 26.9333



54.3182, 33.3246, 75.5223

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.



103.6384, 66.3247, 86.8378



39.6214, 66.3247, 26.9333



76.8286, 66.3247, 207.6144

Square

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



39.6214, 66.3247, 26.9333



44.1307, 66.3247, 181.0685



94.2371, 66.3247, 151.5159



86.6996, 66.3247, 19.0618

Rectangle

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



39.6214, 66.3247, 26.9333



35.0081, 66.3247, 94.6976



94.2371, 66.3247, 151.5159



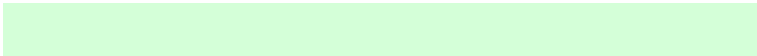
103.0605, 66.3247, 53.6084

Sweetspot

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



39.6230, 66.3275, 26.9348



75.2074, 90.4238, 78.4669



64.9071, 79.4480, 24.2261



15.6613, 19.1441, 16.1184



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.



39.6230, 66.3275, 26.9348



40.8224, 73.8939, 22.8146



45.2224, 68.5672, 56.4205



15.6306, 17.6823, 17.0776



17.1708, 34.1603, 6.2823



1.4500, 2.8504, 0.6360

Inverse Universe

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



54.3182, 33.3246, 75.5223



59.1478, 32.6136, 83.3127



46.6423, 30.2543, 35.1019



16.3816, 16.0024, 19.5658



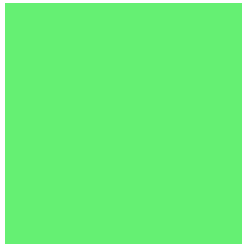
26.4726, 12.8615, 36.7347



2.2219, 1.0778, 3.1596

Previews

White Background



This preview shows how the XYZ color 39.6214, 66.3247, 26.9333 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 39.6214, 66.3247, 26.9333 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 39.6214, 66.3247, 26.9333

Background



This preview shows how black text looks on a background with the XYZ color 39.6214, 66.3247, 26.9333.

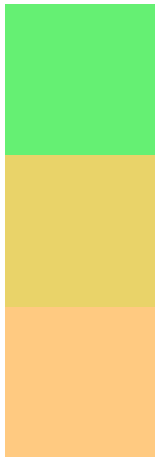


This preview shows how white text looks on a background with the XYZ color 39.6214, 66.3247,

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

39.6214, 66.3247, 26.9333

Protanopia

59.4483, 64.9321, 22.7645

Deuteranopia

66.3230, 65.0860, 29.8361



Tritanopia

53.1984, 65.9109, 95.5062

Trichromacy



Original Color

39.6214, 66.3247, 26.9333



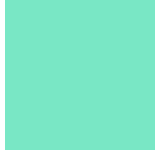
Protanomaly

48.8892, 63.6610, 24.1791



Deuteranomaly

51.7471, 62.7091, 28.4455



Tritanomaly

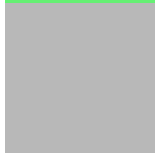
46.5391, 65.2480, 62.9646

Monochromacy



Original Color

39.6214, 66.3247, 26.9333



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

41.1773, 52.5590, 40.7755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6214, 66.3247, 26.9333 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(101, 240, 115)` looks like.

```
.text, #text, p{  
    color:rgb(101, 240, 115)  
}
```

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(101, 240, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 240, 115) }
```

Border

The CSS property to change the border of an element to XYZ 39.6214, 66.3247, 26.9333 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(101, 240, 115) }
```


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

```
.border{ border-color:rgb(101, 240, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 240, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 240, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 240, 115);  
box-shadow:4px 4px 4px 4px rgb(101, 240,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6214, 66.3247, 26.9333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 240, 115) }
```

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

```
.background{ background-color: rgb(101,  
240, 115) }
```

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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