

Converting Colors

XYZ(39.3089, 61.3889, 24.7512)

Have a look what the booklet for
XYZ(39.3089, 61.3889, 24.7512)
contains.

XYZ(39.3460, 61.5463, 24.8448)	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(39.3460, 61.5463,
24.8448)**

Conversions

Conversions Part 1

Format	Color
Hex	7DE56F
RGB	125, 229, 111
RGB Percent	49%, 90%, 44%
CMY	0.5098, 0.1019, 0.5647
CMYK	0.45, 0.00, 0.52, 0.10
HSL	113°, 69%, 67%
HSV	113°, 52%, 90%
XYZ	39.3460, 61.5463, 24.8448
YIQ	184.4520, -24.1060, -58.7460

Conversions

Conversions Part 2

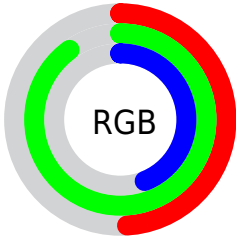
Format	Color
RYB	111, 229, 215
Decimal	8250735
CIELab	82.67, -52.67, 47.91
CIElCh	83, 71.198, 137.709
Yxy	61.5463, 0.3129, 0.4895
Android (android.graphics.Color)	4286440815 (0xFF7DE56F)
YUV	184.4520, -36.2118, -52.1394
Hunter-Lab	78.4514, -47.7664, 36.1395

Details

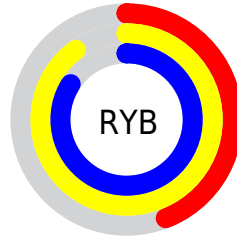
The XYZ color **39.3460, 61.5463, 24.8448** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **47.8547, 31.4752, 77.6851**, and the grayscale version is **46.0152, 48.4116, 52.7202**.

A 20% lighter version of the original color is **62.0800, 84.3039, 48.5976**, and **17.9798, 31.3612, 9.2434** is the 20% darker color. If you saturate the color by 10%, you get **35.5904, 59.7396, 18.9099**, and if you desaturate by 10%, it is **44.0265, 63.7962, 32.5125**.

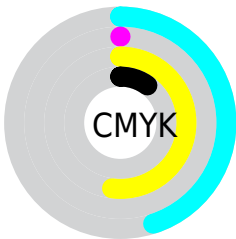
Distribution



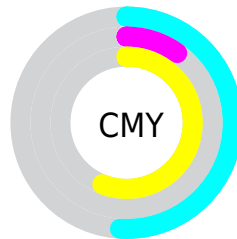
- Red (49%)
- Green (90%)
- Blue (44%)



- Red (44%)
- Yellow (90%)
- Blue (84%)



- Cyan (45%)
- Magenta (0%)
- Yellow (52%)
- Black (10%)



- Cyan (51%)
- Magenta (10%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3460, 61.5463, 24.8448 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 39.3460, 61.5463, 24.8448 by changing the saturation by 10% instead.

39.3460, 61.5463,
24.8448

39.3460, 61.5463,
24.8448

334.5412,
430.2742, 290.4870

27.2109, 44.6662,
15.7435

73.4573, 107.0695,
52.3663

17.8691, 31.1946,
9.1904

96.1642, 136.4815,
71.6236

10.9552, 20.7471,
4.7671

123.1258,
170.8395, 95.1033

6.1038, 12.9392,
2.0549

154.7074,
210.5279, 123.2240

2.9495, 7.3867,
0.5887

191.2744,
255.9312, 156.4042

1.1271, 3.7051,
0.0000

233.1921,

0.0476, 1.5100,

307.4338, 195.0624

0.0000

280.8259,
365.4200, 239.6172

■ 0.0000, 0.2958,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.3460, 61.5463,
24.8448

■ 39.3460, 61.5463,
24.8448

■ 35.5904, 59.7396,
18.9099

■ 44.0265, 63.7962,
32.5125

■ 32.6936, 58.3393,
14.5693


■ 49.6835, 66.5077,
42.0294


■ 30.5875, 57.3155,
11.6698


■ 56.3699, 69.7075,
53.5063


■ 29.1917, 56.6309,
10.0265

■ 64.1336, 73.4182,
67.0444

 28.4769, 56.2764,
9.3615

 73.0194, 77.6609,
82.7378

 83.0696, 82.4554,
100.6748

 87.3106, 84.5211,
106.3202

Harmonies

Analogous

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



50.0091, 61.5463, 14.5709



39.3460, 61.5463, 24.8448



34.2323, 61.5463, 50.6505

Triad

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



39.3460, 61.5463, 24.8448



52.4640, 61.5463, 187.4198



91.1842, 61.5463, 44.5407

Complementary

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



39.3460, 61.5463, 24.8448



47.8547, 31.4752, 77.6851

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.



92.1537, 61.5463, 86.5680



39.3460, 61.5463, 24.8448



67.8968, 61.5463, 183.3639

Square

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



39.3460, 61.5463, 24.8448



40.8725, 61.5463, 150.5086



83.0321, 61.5463, 141.0697



80.5770, 61.5463, 22.0544

Rectangle

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



39.3460, 61.5463, 24.8448



33.9477, 61.5463, 78.9446



83.0321, 61.5463, 141.0697



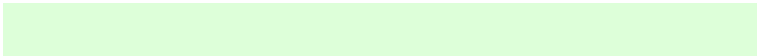
92.7071, 61.5463, 56.3494

Sweetspot

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



39.3475, 61.5489, 24.8462



78.1582, 91.9340, 79.1009



59.0464, 65.5315, 24.5766



16.2770, 19.4616, 16.1422



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.



39.3475, 61.5489, 24.8462



45.0695, 76.0705, 23.5925



40.4318, 61.7630, 40.4805



14.3473, 16.1706, 15.2695



16.3330, 32.2015, 5.3547



1.2596, 2.4067, 0.3982

Inverse Universe

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



47.8547, 31.4752, 77.6851



56.9894, 33.6260, 98.0945



46.8344, 31.5624, 49.9318



14.8180, 14.5239, 18.1667



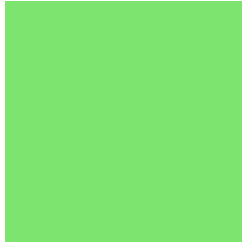
22.0546, 10.4355, 43.2350



1.6775, 0.7958, 3.1972

Previews

White Background



This preview shows how the XYZ color 39.3460, 61.5463, 24.8448 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 39.3460, 61.5463, 24.8448 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 39.3460, 61.5463, 24.8448

Background



This preview shows how black text looks on a background with the XYZ color 39.3460, 61.5463, 24.8448.



This preview shows how white text looks on a background with the XYZ color 39.3460, 61.5463,

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

39.3460, 61.5463, 24.8448

Protanopia

55.6435, 60.8107, 21.6369

Deuteranopia

61.9722, 60.5260, 26.1857



Tritanopia

51.6583, 61.3845, 86.2165

Trichromacy



Original Color

39.3460, 61.5463, 24.8448



Protanomaly

47.6344, 59.9526, 22.6971



Deuteranomaly

50.4255, 58.7474, 25.5113



Tritanomaly

45.8570, 60.9625, 57.4941

Monochromacy



Original Color

39.3460, 61.5463, 24.8448



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

41.8443, 51.5294, 39.6390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3460, 61.5463, 24.8448 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(125, 229, 111)` looks like.

```
.text, #text, p{  
    color:rgb(125, 229, 111)  
}
```

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(125, 229, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 229, 111) }
```

Border

The CSS property to change the border of an element to XYZ 39.3460, 61.5463, 24.8448 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(125, 229, 111) }
```


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

```
.border{ border-color:rgb(125, 229, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 229, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 229, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 229, 111); box-shadow:4px 4px 4px 4px rgb(125, 229, 111) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3460, 61.5463, 24.8448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 229, 111) }
```

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

```
.background{ background-color: rgb(125,  
229, 111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor