

Converting Colors

XYZ(39.7492, 61.6974, 36.7602)

Have a look what the booklet for
XYZ(39.7492, 61.6974, 36.7602)
contains.

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Color

**XYZ(39.8381, 61.9530,
36.6465)**

Conversions

Conversions Part 1

Format	Color
Hex	6EE691
RGB	110, 230, 145
RGB Percent	43%, 90%, 57%
CMY	0.5686, 0.0980, 0.4314
CMYK	0.52, 0.00, 0.37, 0.10
HSL	137°, 71%, 67%
HSV	137°, 52%, 90%
XYZ	39.8381, 61.9530, 36.6465
YIQ	184.4300, -44.2350, -51.8750

Conversions

Conversions Part 2

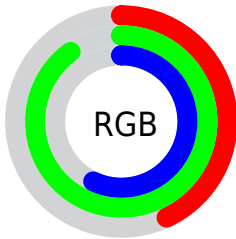
Format	Color
RYB	110, 203, 230
Decimal	7267985
CIELab	82.89, -52.06, 31.38
CIELCh	83, 60.781, 148.919
Yxy	61.9530, 0.2878, 0.4475
Android (android.graphics.Color)	4285458065 (0xFF6EE691)
YUV	184.4300, -19.4390, -65.2751
Hunter-Lab	78.7102, -47.3976, 27.4925

Details

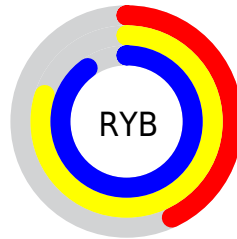
The XYZ color **39.8381, 61.9530, 36.6465** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **48.0614, 31.9163, 55.2594**, and the grayscale version is **45.9210, 48.3125, 52.6123**.

A 20% lighter version of the original color is **62.5475, 84.1251, 67.5848**, and **18.0907, 31.2761, 15.6731** is the 20% darker color. If you saturate the color by 10%, you get **36.1719, 60.1996, 30.3813**, and if you desaturate by 10%, it is **44.4303, 64.1664, 43.8981**.

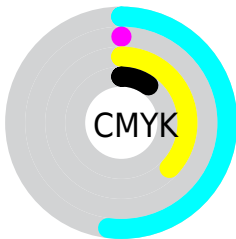
Distribution



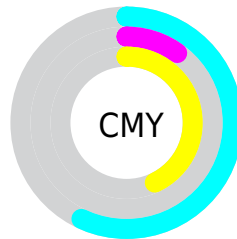
- Red (43%)
- Green (90%)
- Blue (57%)



- Red (43%)
- Yellow (80%)
- Blue (90%)



- Cyan (52%)
- Magenta (0%)
- Yellow (37%)
- Black (10%)



- Cyan (57%)
- Magenta (10%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.8381, 61.9530, 36.6465 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 39.8381, 61.9530, 36.6465 by changing the saturation by 10% instead.

39.8381, 61.9530,
36.6465

39.8381, 61.9530,
36.6465

336.5869,
431.7596, 346.9000

27.5960, 44.9947,
24.6403

74.2028, 107.6576,
71.2090

18.1602, 31.4533,
15.5927

97.0561, 137.1727,
94.6024

11.1655, 20.9442,
9.0852

124.1772,
171.6422, 122.6285

6.2464, 13.0833,
4.6992

155.9315,
211.4505, 155.7060

3.0375, 7.4859,
2.0162

192.6842,
256.9820, 194.2533

1.1736, 3.7678,
0.5652

234.8008,

0.0854, 1.5445,

308.6211, 238.6891

0.0000

282.6465,
366.7522, 289.4318

■ 0.0000, 0.3198,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.8381, 61.9530,
36.6465

■ 39.8381, 61.9530,
36.6465

■ 36.1719, 60.1996,
30.3813

■ 44.4303, 64.1664,
43.8981

■ 33.3604, 58.8652,
25.0555


■ 50.0033, 66.8620,
52.1723


■ 31.3296, 57.9143,
20.6242


■ 56.6131, 70.0697,
61.5084


■ 29.9893, 57.3014,
17.0370

■ 64.3103, 73.8147,
71.9424

 29.3137, 57.0023,
14.7810

 73.1417, 78.1206,
83.5085

 83.1516, 83.0096,
96.2397

 87.5880, 85.0760,
106.4127

Harmonies

Analogous

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



47.5238, 61.9530, 21.9642



39.8381, 61.9530, 36.6465



37.1189, 61.9530, 66.1045

Triad

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



39.8381, 61.9530, 36.6465



58.4105, 61.9530, 168.3497



83.8000, 61.9530, 38.2384

Complementary

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



39.8381, 61.9530, 36.6465



48.0614, 31.9163, 55.2594

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.



87.8315, 61.9530, 68.8264



39.8381, 61.9530, 36.6465



71.9250, 61.9530, 152.3567

Square

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



39.8381, 61.9530, 36.6465



46.8139, 61.9530, 150.0259



83.2002, 61.9530, 111.9745



72.8696, 61.9530, 22.6147

Rectangle

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



39.8381, 61.9530, 36.6465



38.1250, 61.9530, 93.6551



83.2002, 61.9530, 111.9745



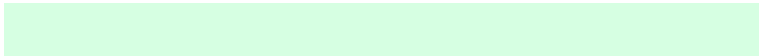
86.0727, 61.9530, 46.6648

Sweetspot

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



39.8397, 61.9556, 36.6479



77.2912, 91.3427, 85.5807



53.8785, 69.4581, 25.3195



16.1123, 19.3413, 17.7333



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.



39.8397, 61.9556, 36.6479



45.2351, 75.8475, 37.5356



45.6282, 64.2710, 67.1298



14.3614, 16.1580, 16.1677



16.6413, 32.2886, 8.6114



1.2692, 2.4018, 0.8440

Inverse Universe

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



48.0614, 31.9163, 55.2594



56.6768, 33.8890, 63.3215



42.6548, 29.7536, 26.7884



14.8065, 14.5398, 17.1816



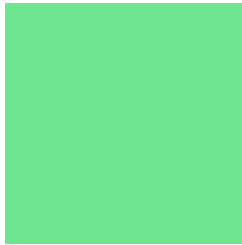
22.2693, 11.0419, 20.8447



1.6856, 0.8319, 1.7508

Previews

White Background



This preview shows how the XYZ color 39.8381, 61.9530, 36.6465 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 39.8381, 61.9530, 36.6465 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 39.8381, 61.9530, 36.6465

Background



This preview shows how black text looks on a background with the XYZ color 39.8381, 61.9530, 36.6465.

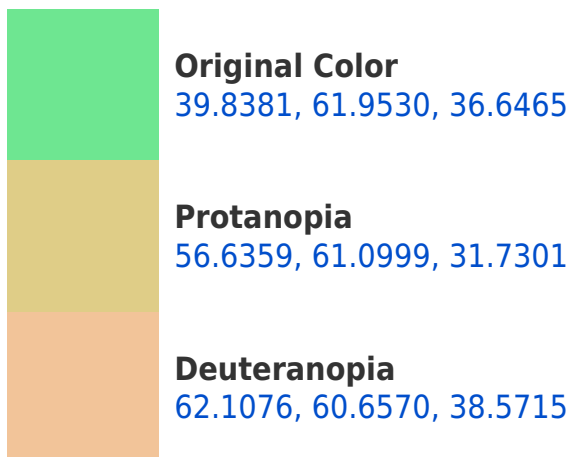


This preview shows how white text looks on a background with the XYZ color 39.8381, 61.9530,

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





Tritanopia

50.2904, 61.7640, 89.3918

Trichromacy



Original Color

39.8381, 61.9530, 36.6465



Protanomaly

47.9982, 59.9023, 33.4586



Deuteranomaly

50.3090, 58.7831, 37.5489



Tritanomaly

45.7442, 61.4950, 66.5855

Monochromacy



Original Color

39.8381, 61.9530, 36.6465



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

42.0470, 51.8437, 45.8209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.8381, 61.9530, 36.6465 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(110, 230, 145)` looks like.

```
.text, #text, p{  
    color:rgb(110, 230, 145)  
}
```

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(110, 230, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 230, 145) }
```

Border

The CSS property to change the border of an element to XYZ 39.8381, 61.9530, 36.6465 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(110, 230, 145) }
```


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

```
.border{ border-color:rgb(110, 230, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 230, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 230, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 230, 145);  
box-shadow:4px 4px 4px 4px rgb(110, 230,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 39.8381, 61.9530, 36.6465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 230, 145) }
```

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

```
.background{ background-color: rgb(110,  
230, 145) }
```

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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