

Converting Colors

XYZ(37.2042, 61.9032, 33.2519)

Have a look what the booklet for
XYZ(37.2042, 61.9032, 33.2519)
contains.

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Color

**XYZ(37.2390, 61.9402,
33.2855)**

Conversions

Conversions Part 1

Format	Color
Hex	54E988
RGB	84, 233, 136
RGB Percent	33%, 91%, 53%
CMY	0.6706, 0.0863, 0.4667
CMYK	0.64, 0.00, 0.42, 0.09
HSL	141°, 77%, 62%
HSV	141°, 64%, 91%
XYZ	37.2390, 61.9402, 33.2855
YIQ	177.3910, -57.6670, -61.7550

Conversions

Conversions Part 2

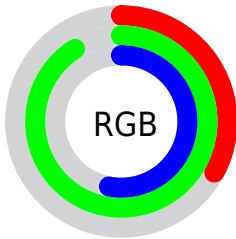
Format	Color
RYB	84, 194, 233
Decimal	5564808
CIELab	82.88, -60.35, 35.76
CIElCh	83, 70.145, 149.353
Yxy	61.9402, 0.2811, 0.4676
Android (android.graphics.Color)	4283754888 (0xFF54E988)
YUV	177.3910, -20.4058, -81.9039
Hunter-Lab	78.7021, -53.2689, 30.0159

Details

The XYZ color **37.2390, 61.9402, 33.2855** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **45.1170, 27.0017, 46.5520**, and the grayscale version is **42.1228, 44.3164, 48.2606**.

A 20% lighter version of the original color is **57.0869, 81.4407, 61.4260**, and **17.1650, 31.7065, 13.8096** is the 20% darker color. If you saturate the color by 10%, you get **34.4873, 60.6392, 27.9227**, and if you desaturate by 10%, it is **40.8398, 63.6647, 39.4872**.

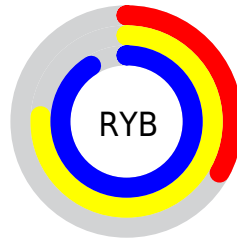
Distribution



Red (33%)

Green (91%)

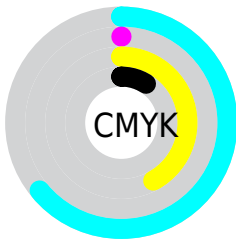
Blue (53%)



Red (33%)

Yellow (76%)

Blue (91%)

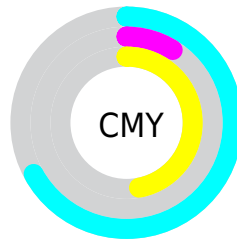


Cyan (64%)

Magenta (0%)

Yellow (42%)

Black (9%)



Cyan (67%)


Magenta (9%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.2390, 61.9402, 33.2855 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 37.2390, 61.9402, 33.2855 by changing the saturation by 10% instead.


 37.2390, 61.9402,
33.2855


 37.2390, 61.9402,
33.2855


325.6817,
431.7129, 331.6056


 25.5671, 44.9844,
22.0723


 70.2517, 107.6391,
65.9421


 16.6311, 31.4451,
13.7112


 92.3232, 137.1510,
88.2227

 10.0655, 20.9380,
7.7837


 118.5919,
171.6170, 115.0295

 5.5050, 13.0787,
3.8710

 149.4232,
211.4215, 146.7811

 2.5843, 7.4828,
1.5549

185.1825,
256.9490, 183.8959

 0.9379, 3.7658,
0.2583

226.2351,

 0.0000, 1.5434,

308.5838, 226.7926

0.0000

272.9464,
366.7103, 275.8896

■ 0.0000, 0.3190,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 37.2390, 61.9402,
33.2855

■ 37.2390, 61.9402,
33.2855

■ 34.4873, 60.6392,
27.9227

■ 40.8398, 63.6647,
39.4872

■ 32.5016, 59.7146,
23.3576


■ 45.3530, 65.8395,
46.5582


■ 31.1894, 59.1210,
19.5516


■ 50.8410, 68.4979,
54.5322


■ 30.6372, 58.8790,
17.5970

■ 57.3592, 71.6677,
63.4400

 64.9588, 75.3748,
73.3110

 73.6873, 79.6432,
84.1731

 83.5897, 84.4953,
96.0530

 88.4301, 86.7602,
106.6934

Harmonies

Analogous

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



45.7427, 61.9402, 17.7943



37.2390, 61.9402, 33.2855



34.3280, 61.9402, 66.5062

Triad

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



37.2390, 61.9402, 33.2855



58.5445, 61.9402, 189.6251



88.0156, 61.9402, 34.3132

Complementary

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



37.2390, 61.9402, 33.2855



45.1170, 27.0017, 46.5520

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.



92.9828, 61.9402, 68.3872



37.2390, 61.9402, 33.2855



74.3008, 61.9402, 169.1320

Square

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



37.2390, 61.9402, 33.2855



45.2637, 61.9402, 167.4019



87.5870, 61.9402, 119.3990



74.9670, 61.9402, 18.1840

Rectangle

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



37.2390, 61.9402, 33.2855



35.4858, 61.9402, 98.9605



87.5870, 61.9402, 119.3990



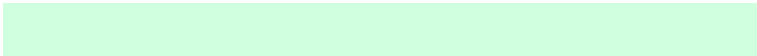
90.7756, 61.9402, 43.4466

Sweetspot

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



37.2406, 61.9427, 33.2869



74.7478, 90.0732, 83.5829



50.3491, 69.0289, 19.0582



15.4386, 19.0061, 17.1566



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.



37.2406, 61.9427, 33.2869



41.3851, 73.9760, 32.2359



44.2026, 64.7275, 69.9485



15.0854, 16.9490, 17.1324



17.4364, 33.4290, 10.2632



1.4132, 2.6426, 1.0378

Inverse Universe

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



45.1170, 27.0017, 46.5520



51.6996, 27.9175, 49.3836



39.5276, 24.7659, 17.1187



15.4786, 15.2193, 17.8056



22.3298, 11.1346, 18.0698



1.7986, 0.8924, 1.6568

Previews

White Background



This preview shows how the XYZ color 37.2390, 61.9402, 33.2855 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 37.2390, 61.9402, 33.2855 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 37.2390, 61.9402, 33.2855

Background



This preview shows how black text looks on a background with the XYZ color 37.2390, 61.9402, 33.2855.

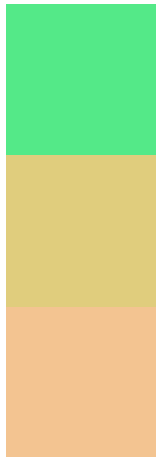


This preview shows how white text looks on a background with the XYZ color 37.2390, 61.9402,

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

37.2390, 61.9402, 33.2855

Protanopia

56.2735, 60.9906, 28.2085

Deuteranopia

61.8129, 60.5789, 35.2231



Tritanopia

48.6389, 61.6579, 90.9990

Trichromacy



Original Color

37.2390, 61.9402, 33.2855



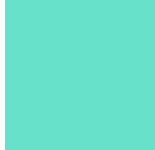
Protanomaly

45.4965, 59.0701, 29.7726



Deuteranomaly

47.6905, 57.8682, 34.2473



Tritanomaly

43.2948, 61.0578, 65.3806

Monochromacy



Original Color

37.2390, 61.9402, 33.2855



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

37.8155, 48.3808, 41.5278

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.2390, 61.9402, 33.2855 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(84, 233, 136)` looks like.

```
.text, #text, p{  
    color:rgb(84, 233, 136)  
}
```

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(84, 233, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 233, 136) }
```

Border

The CSS property to change the border of an element to XYZ 37.2390, 61.9402, 33.2855 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(84, 233, 136) }
```


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

```
.border{ border-color:rgb(84, 233, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 233, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 233, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 233, 136);  
box-shadow:4px 4px 4px 4px rgb(84, 233,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 37.2390, 61.9402, 33.2855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 233, 136) }
```

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

```
.background{ background-color: rgb(84, 233,  
136) }
```

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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