

Converting Colors

XYZ(54.5283, 66.6935, 36.7876)

Have a look what the booklet for
XYZ(54.5283, 66.6935, 36.7876)
contains.

XYZ(54.5245, 66.6900, 36.7868)	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(54.5245, 66.6900,
36.7868)**

Conversions

Conversions Part 1

Format	Color
Hex	C5DF91
RGB	197, 223, 145
RGB Percent	77%, 87%, 57%
CMY	0.2274, 0.1255, 0.4314
CMYK	0.12, 0.00, 0.35, 0.13
HSL	80°, 55%, 72%
HSV	80°, 35%, 87%
XYZ	54.5245, 66.6900, 36.7868
YIQ	206.3340, 9.5420, -29.7700

Conversions

Conversions Part 2

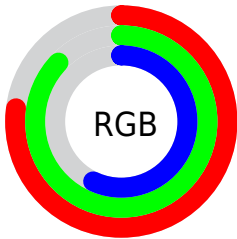
Format	Color
RYB	145, 223, 171
Decimal	12967825
CIELab	85.35, -21.39, 35.44
CIElCh	85, 41.394, 121.112
Yxy	66.6900, 0.3451, 0.4221
Android (android.graphics.Color)	4291157905 (0xFFC5DF91)
YUV	206.3340, -30.2377, -8.1859
Hunter-Lab	81.6639, -23.7330, 30.4567

Details

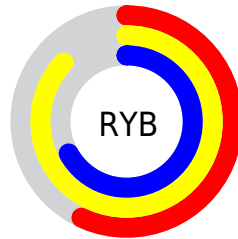
The XYZ color **54.5245, 66.6900, 36.7868** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **40.2419, 34.2383, 74.3034**, and the grayscale version is **59.0653, 62.1413, 67.6718**.

A 20% lighter version of the original color is **87.0584, 96.7610, 68.7318**, and **27.1337, 34.5464, 15.5939** is the 20% darker color. If you saturate the color by 10%, you get **51.0725, 65.0921, 28.5134**, and if you desaturate by 10%, it is **58.4134, 68.4783, 46.8451**.

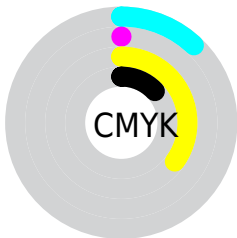
Distribution



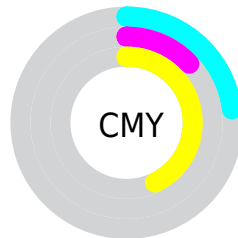
- Red (77%)
- Green (87%)
- Blue (57%)



- Red (57%)
- Yellow (87%)
- Blue (67%)



- Cyan (12%)
- Magenta (0%)
- Yellow (35%)
- Black (13%)




- Cyan (23%)
- Magenta (13%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.5245, 66.6900, 36.7868 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 54.5245, 66.6900, 36.7868 by changing the saturation by 10% instead.


 54.5245, 66.6900,
36.7868


 54.5245, 66.6900,
36.7868


394.2727,
448.8405, 347.5274

 39.2535, 48.8327,
24.7480


 95.9963, 114.4761,
71.4274

 27.1386, 34.4868,
15.6721

 122.9278,
145.1737, 94.8663

 17.8145, 23.2678,
9.1406


154.4769,
180.9203, 122.9423

 10.9157, 14.7914,
4.7349

191.0088,
222.1001, 156.0739

 6.0771, 8.6731,
2.0366

232.8890,
269.0977, 194.6796

 2.9331, 4.5286,
0.5776

280.4829,

 1.1185, 1.9734,

322.2973, 239.1781

0.0000

334.1556,
382.0835, 289.9879

0.0405, 0.5920,
0.0000

0.0000, 0.0000,
0.0000

54.5245, 66.6900,
36.7868

54.5245, 66.6900,
36.7868

51.0725, 65.0921,
28.5134

58.4134, 68.4783,
46.8451

48.0312, 63.6671,
21.9162

62.7539, 70.4562,
58.7802


45.3790, 62.4086,
16.8810


67.5657, 72.6341,
72.6826

43.0898, 61.3058,
13.2780


72.8660, 75.0189,
88.6357

 41.1334, 60.3466,
10.9559


 78.4278, 77.5200,
105.4370

 39.4732, 59.5162,
9.7300

 80.9227, 78.8061,
105.5538

 38.7214, 59.1357,
9.3735

 83.5212, 80.1457,
105.6754

 85.6791, 81.2582,
105.7764

Harmonies

Analogous

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



63.0377, 66.6900, 32.2739



54.5245, 66.6900, 36.7868



48.8826, 66.6900, 50.4279

Triad

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



54.5245, 66.6900, 36.7868



55.0743, 66.6900, 127.8181



83.1633, 66.6900, 71.6170

Complementary

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



54.5245, 66.6900, 36.7868



40.2419, 34.2383, 74.3034

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.



80.5090, 66.6900, 100.5065



54.5245, 66.6900, 36.7868



63.7372, 66.6900, 137.3952

Square

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



54.5245, 66.6900, 36.7868



49.1773, 66.6900, 102.6767



73.1610, 66.6900, 126.3634



80.0995, 66.6900, 49.0795

Rectangle

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



54.5245, 66.6900, 36.7868



47.1987, 66.6900, 64.9293



73.1610, 66.6900, 126.3634



82.9084, 66.6900, 80.8825

Sweetspot

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



54.5262, 66.6929, 36.7882



88.1540, 96.8883, 88.5504



50.1076, 46.8603, 33.1930



18.6726, 20.6493, 18.3892



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.



54.5262, 66.6929, 36.7882



70.3996, 88.7608, 41.3976



45.6012, 62.0920, 36.3705



14.4046, 15.7888, 14.5951



22.8909, 34.8332, 5.5170



1.6804, 2.4628, 0.3868

Inverse Universe

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



40.2419, 34.2383, 74.3034



48.2970, 38.5101, 99.4954



50.0255, 39.2819, 74.7613



13.3804, 13.4642, 17.2813



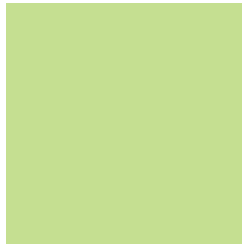
9.6150, 4.0520, 41.3237



0.7591, 0.3286, 2.8687

Previews

White Background



This preview shows how the XYZ color 54.5245, 66.6900, 36.7868 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 54.5245, 66.6900, 36.7868 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

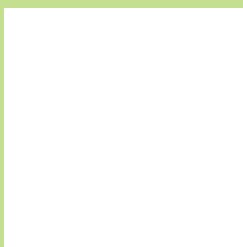
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.5245, 66.6900, 36.7868

Background



This preview shows how black text looks on a background with the XYZ color 54.5245, 66.6900, 36.7868.



This preview shows how white text looks on a background with the XYZ color 54.5245, 66.6900,

36.7868.

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

54.5245, 66.6900, 36.7868

Protanopia

61.5570, 66.5005, 34.7908

Deuteranopia

67.8907, 66.4265, 37.6771



Tritanopia

63.9495, 66.6555, 83.6240

Trichromacy



Original Color

54.5245, 66.6900, 36.7868

Protanomaly

58.9088, 66.6388, 35.3489

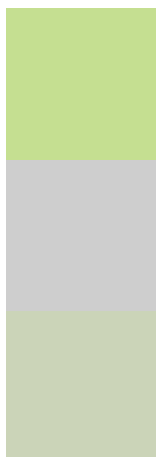
Deuteranomaly

62.2438, 66.0503, 37.4854

Tritanomaly

59.9077, 66.5403, 63.1122

Monochromacy



Original Color

54.5245, 66.6900, 36.7868

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

56.8238, 63.2442, 54.5598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5245, 66.6900, 36.7868 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(197, 223, 145)` looks like.

```
.text, #text, p{  
    color:rgb(197, 223, 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(197, 223, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 223, 145) }
```

Border

The CSS property to change the border of an element to XYZ 54.5245, 66.6900, 36.7868 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(197, 223, 145) }
```


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

```
.border{ border-color:rgb(197, 223, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 223, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 223, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 223, 145);  
box-shadow:4px 4px 4px 4px rgb(197, 223,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5245, 66.6900, 36.7868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 223, 145) }
```

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

```
.background{ background-color: rgb(197,  
223, 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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