

Converting Colors

XYZ(54.0773, 66.4297, 34.7718)

Have a look what the booklet for
XYZ(54.0773, 66.4297, 34.7718)
contains.

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Color

**XYZ(54.1473, 66.5391,
34.8004)**

Conversions

Conversions Part 1

Format	Color
Hex	C5DF8C
RGB	197, 223, 140
RGB Percent	77%, 87%, 55%
CMY	0.2274, 0.1255, 0.4510
CMYK	0.12, 0.00, 0.37, 0.13
HSL	79°, 56%, 71%
HSV	79°, 37%, 87%
XYZ	54.1473, 66.5391, 34.8004
YIQ	205.7640, 11.1470, -31.3250

Conversions

Conversions Part 2

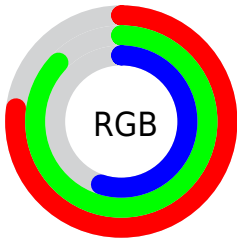
Format	Color
RYB	140, 223, 166
Decimal	12967820
CIELab	85.27, -22.02, 37.86
CIELCh	85, 43.799, 120.181
Yxy	66.5391, 0.3482, 0.4279
Android (android.graphics.Color)	4291157900 (0xFFC5DF8C)
YUV	205.7640, -32.4217, -7.6860
Hunter-Lab	81.5715, -24.2615, 31.8055

Details

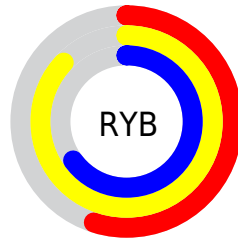
The XYZ color **54.1473, 66.5391, 34.8004** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **38.4258, 32.1926, 74.0043**, and the grayscale version is **58.7125, 61.7701, 67.2677**.

A 20% lighter version of the original color is **86.7376, 96.6750, 65.1275**, and **26.9194, 34.4606, 14.4653** is the 20% darker color. If you saturate the color by 10%, you get **50.8800, 65.0280, 26.9168**, and if you desaturate by 10%, it is **57.8360, 68.2331, 44.4458**.

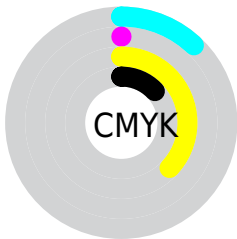
Distribution



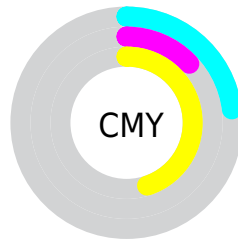
- Red (77%)
- Green (87%)
- Blue (55%)



- Red (55%)
- Yellow (87%)
- Blue (65%)



- Cyan (12%)
- Magenta (0%)
- Yellow (37%)
- Black (13%)



- Cyan (23%)
- Magenta (13%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1473, 66.5391, 34.8004 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 54.1473, 66.5391, 34.8004 by changing the saturation by 10% instead.

■ 54.1473, 66.5391,
34.8004

■ 54.1473, 66.5391,
34.8004

392.8607,
448.3024, 338.5639

■ 38.9506, 48.7102,
23.2268

■ 95.4461, 114.2597,
68.3245

■ 26.9018, 34.3896,
14.5542

■ 122.2789,
144.9202, 91.1121

■ 17.6357, 23.1931,
8.3640

■ 153.7211,
180.6267, 118.4748

■ 10.7869, 14.7361,
4.2376

190.1381,
221.7635, 150.8312

■ 5.9899, 8.6344,
1.7566

231.8952,
268.7151, 188.5998

■ 2.8796, 4.5035,
0.3991

279.3577,

■ 1.0904, 1.9590,

321.8659, 232.1990

0.0000

332.8911,
381.6002, 282.0475

■ 0.0171, 0.5835,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1473, 66.5391,
34.8004

■ 54.1473, 66.5391,
34.8004

■ 50.8800, 65.0280,
26.9168

■ 57.8360, 68.2331,
44.4458

■ 48.0078, 63.6823,
20.6840

■ 61.9607, 70.1092,
55.9465

■ 45.5086, 62.4953,
15.9851

■ 66.5415, 72.1778,
69.3946

■ 43.3559, 61.4563,
12.6861

■ 71.5955, 74.4458,
84.8745

■ 41.5186, 60.5528,
10.6298

■ 77.1387, 76.9199,
102.4661

■ 39.9560, 59.7682,
9.6085

■ 80.0090, 78.3351,
105.5110

■ 39.5520, 59.5639,
9.4124

■ 82.4127, 79.5743,
105.6235

■ 84.9086, 80.8610,
105.7403

■ 85.6791, 81.2581,
105.7764

Harmonies

Analogous

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



63.1832, 66.5391, 30.4614



54.1473, 66.5391, 34.8004



48.1227, 66.5391, 48.5796

Triad

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



54.1473, 66.5391, 34.8004



54.2414, 66.5391, 130.7945



84.2547, 66.5391, 72.2774

Complementary

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



54.1473, 66.5391, 34.8004



38.4258, 32.1926, 74.0043

Split Complementary

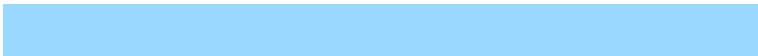
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.2399, 66.5391, 103.0834



54.1473, 66.5391, 34.8004



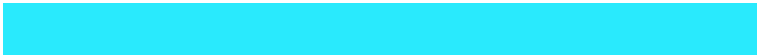
63.3037, 66.5391, 141.7911

Square

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



54.1473, 66.5391, 34.8004



48.1729, 66.5391, 103.4618



73.3051, 66.5391, 130.5390



81.1687, 66.5391, 48.3511

Rectangle

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



54.1473, 66.5391, 34.8004



46.2784, 66.5391, 63.5442



73.3051, 66.5391, 130.5390



83.9177, 66.5391, 82.1508

Sweetspot

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



54.1490, 66.5420, 34.8018



87.6987, 96.6945, 86.6786



48.6045, 44.4577, 30.8313



18.5888, 20.6143, 18.0165



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.



54.1490, 66.5420, 34.8018



69.7402, 88.4885, 38.3120



44.9502, 61.7999, 34.3713



14.4322, 15.8030, 14.5964



23.3762, 35.0834, 5.5397



1.7113, 2.4787, 0.3882

Inverse Universe

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



38.4258, 32.1926, 74.0043



45.4147, 35.3029, 99.0283



48.2645, 37.2647, 74.4647



13.3541, 13.4506, 17.2801



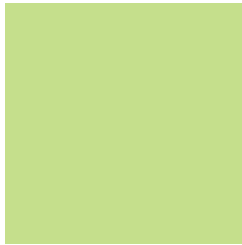
9.4139, 3.9484, 41.3143



0.7428, 0.3202, 2.8679

Previews

White Background



This preview shows how the XYZ color 54.1473, 66.5391, 34.8004 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 54.1473, 66.5391, 34.8004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

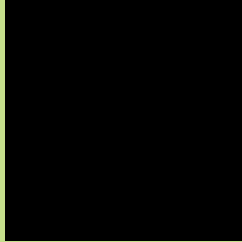
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1473, 66.5391, 34.8004

Background



This preview shows how black text looks on a background with the XYZ color 54.1473, 66.5391, 34.8004.



This preview shows how white text looks on a background with the XYZ color 54.1473, 66.5391,

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

54.1473, 66.5391, 34.8004

Protanopia

61.1932, 66.3550, 32.8751

Deuteranopia

67.2630, 65.7963, 35.5404



Tritanopia

63.9808, 66.2994, 83.5537

Trichromacy



Original Color

54.1473, 66.5391, 34.8004

Protanomaly

58.5416, 66.4919, 33.4157

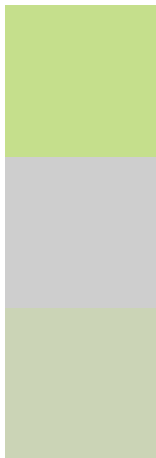
Deuteranomaly

61.6088, 65.4000, 35.3629

Tritanomaly

59.8107, 66.1221, 62.4338

Monochromacy



Original Color

54.1473, 66.5391, 34.8004

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

56.6156, 63.1609, 53.4633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1473, 66.5391, 34.8004 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(197, 223, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 223, 140) }
```

Border

The CSS property to change the border of an element to XYZ 54.1473, 66.5391, 34.8004 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, 140) }
```


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

```
.border{ border-color:rgb(197, 223, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 223, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 223, 140);  
box-shadow:4px 4px 4px 4px rgb(197, 223,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1473, 66.5391, 34.8004 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, 140) }
```

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

```
.background{ background-color: rgb(197,  
223, 140) }
```

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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