

Converting Colors

XYZ(53.4024, 67.1012, 28.2264)

Have a look what the booklet for
XYZ(53.4024, 67.1012, 28.2264)
contains.

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Color

**XYZ(53.4024, 67.1012,
28.2264)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E179
RGB	197, 225, 121
RGB Percent	77%, 88%, 47%
CMY	0.2275, 0.1176, 0.5255
CMYK	0.12, 0.00, 0.46, 0.12
HSL	76°, 63%, 68%
HSV	76°, 46%, 88%
XYZ	53.4024, 67.1012, 28.2264
YIQ	204.7720, 16.6960, -38.2800

Conversions

Conversions Part 2

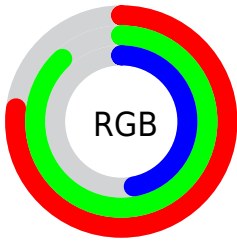
Format	Color
RYB	121, 225, 149
Decimal	12968313
CIELab	85.56, -25.15, 47.57
CIElCh	86, 53.811, 117.870
Yxy	67.1012, 0.3591, 0.4512
Android (android.graphics.Color)	4291158393 (0xFFC5E179)
YUV	204.7720, -41.2996, -6.8160
Hunter-Lab	81.9153, -26.9837, 36.9106

Details

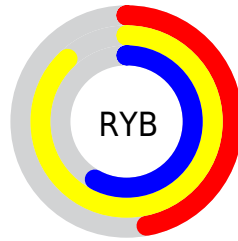
The XYZ color **53.4024, 67.1012, 28.2264** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **32.8250, 25.5023, 74.4303**, and the grayscale version is **58.1316, 61.1590, 66.6022**.

A 20% lighter version of the original color is **84.7379, 95.8751, 54.5970**, and **26.4334, 34.8418, 10.9622** is the 20% darker color. If you saturate the color by 10%, you get **50.6262, 65.8134, 21.7150**, and if you desaturate by 10%, it is **56.5675, 68.5566, 36.4383**.

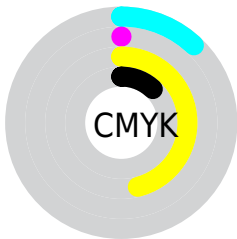
Distribution



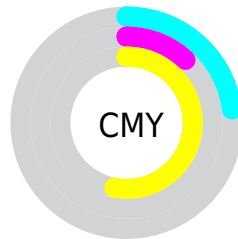
- Red (77%)
- Green (88%)
- Blue (47%)



- Red (47%)
- Yellow (88%)
- Blue (58%)



- Cyan (12%)
- Magenta (0%)
- Yellow (46%)
- Black (12%)



- Cyan (23%)
- Magenta (12%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4024, 67.1012, 28.2264 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 53.4024, 67.1012, 28.2264 by changing the saturation by 10% instead.

■ 53.4024, 67.1012,
28.2264

■ 53.4024, 67.1012,
28.2264

390.0627,
450.3049, 307.4931

■ 38.3529, 49.1669,
18.2559

■ 94.3583, 115.0654,
57.8731

■ 26.4351, 34.7519,
10.9625

■ 120.9953,
145.8641, 78.3864

■ 17.2838, 23.4718,
5.9278

■ 152.2256,
181.7197, 103.2511

■ 10.5336, 14.9423,
2.7331

188.4145,
223.0165, 132.8855

■ 5.8191, 8.7789,
0.9600

229.9272,
270.1391, 167.7085

■ 2.7750, 4.5972,
0.0000

277.1293,

■ 1.0359, 2.0129,

323.4718, 208.1383

0.0000

330.3860,
383.3989, 254.5937

0.0000, 0.6150,
0.0000

0.0000, 0.0000,
0.0000

53.4024, 67.1012,
28.2264

53.4024, 67.1012,
28.2264

50.6262, 65.8134,
21.7150

56.5675, 68.5566,
36.4383

48.2105, 64.6748,
16.7804


60.1378, 70.1791,
46.4547


46.1306, 63.6777,
13.2886


64.1345, 71.9798,
58.3759


44.3556, 62.8097,
11.0821


68.5757, 73.9658,
72.2939


 42.8476, 62.0555,
9.9637


 73.4784, 76.1442,
88.2946

 42.3228, 61.7903,
9.6961

 78.6963, 78.4564,
105.6036

 80.7125, 79.4958,
105.6980

 82.7973, 80.5705,
105.7955

 84.9513, 81.6810,
105.8963

Harmonies

Analogous

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



64.6560, 67.1012, 24.3039



53.4024, 67.1012, 28.2264



45.8610, 67.1012, 42.7725

Triad

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



53.4024, 67.1012, 28.2264



52.0683, 67.1012, 146.2403



90.2878, 67.1012, 75.5946

Complementary

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



53.4024, 67.1012, 28.2264



32.8250, 25.5023, 74.4303

Split Complementary

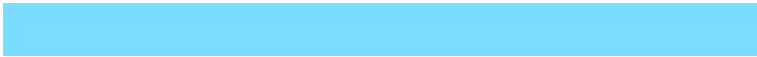
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.8414, 67.1012, 115.0627



53.4024, 67.1012, 28.2264



62.9073, 67.1012, 163.1665

Square

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



53.4024, 67.1012, 28.2264



45.1628, 67.1012, 109.2911



75.4166, 67.1012, 150.2536



86.9117, 67.1012, 45.8801

Rectangle

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



53.4024, 67.1012, 28.2264



43.4352, 67.1012, 59.8011



75.4166, 67.1012, 150.2536



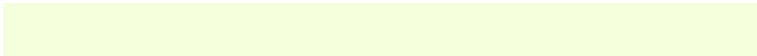
89.6477, 67.1012, 88.1508

Sweetspot

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



53.4040, 67.1042, 28.2278



86.3771, 96.1324, 81.2279



45.2102, 38.8007, 23.1966



18.2250, 20.4582, 16.5763



0.0000, 0.0000, 0.0000



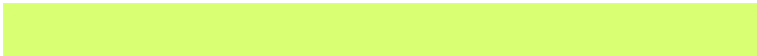
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.4040, 67.1042, 28.2278



67.5251, 87.5397, 29.4822



42.1027, 61.2782, 27.6989



14.4929, 15.8343, 14.5992



24.5038, 35.6647, 5.5925



1.7824, 2.5153, 0.3916

Inverse Universe

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



32.8250, 25.5023, 74.4303



37.1979, 26.1498, 97.6946



44.4461, 31.4932, 74.9742



13.2966, 13.4209, 17.2774



9.0214, 3.7460, 41.2959



0.7095, 0.3031, 2.8663

Previews

White Background



This preview shows how the XYZ color 53.4024, 67.1012, 28.2264 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 53.4024, 67.1012, 28.2264 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 53.4024, 67.1012, 28.2264

Background



This preview shows how black text looks on a background with the XYZ color 53.4024, 67.1012, 28.2264.



This preview shows how white text looks on a background with the XYZ color 53.4024, 67.1012,

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

53.4024, 67.1012, 28.2264

Protanopia

61.5184, 67.0397, 26.5272

Deuteranopia

67.6588, 66.7576, 33.3643



Tritanopia

64.9411, 67.1506, 84.4015

Trichromacy



Original Color

53.4024, 67.1012, 28.2264

Protanomaly

58.1602, 66.8230, 26.9723

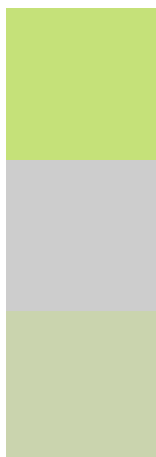
Deuteranomaly

61.6400, 66.2453, 31.3676

Tritanomaly

59.5607, 66.4652, 58.4051

Monochromacy



Original Color

53.4024, 67.1012, 28.2264

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

55.5406, 62.6995, 49.2193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4024, 67.1012, 28.2264 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, 225, 121)` looks like.

```
.text, #text, p{  
    color:rgb(197, 225, 121)  
}
```

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, 225, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 225, 121) }
```

Border

The CSS property to change the border of an element to XYZ 53.4024, 67.1012, 28.2264 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, 225, 121) }
```


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

```
.border{ border-color:rgb(197, 225, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 225, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 225, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 225, 121);  
box-shadow:4px 4px 4px 4px rgb(197, 225,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4024, 67.1012, 28.2264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 225, 121) }
```

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

```
.background{ background-color: rgb(197,  
225, 121) }
```

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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