

Converting Colors

XYZ(53.3965, 69.1689, 24.3758)

Have a look what the booklet for
XYZ(53.3965, 69.1689, 24.3758)
contains.

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Color

**XYZ(53.4563, 69.2573,
24.4605)**

Conversions

Conversions Part 1

Format	Color
Hex	C3E66B
RGB	195, 230, 107
RGB Percent	76%, 90%, 42%
CMY	0.2353, 0.0980, 0.5804
CMYK	0.15, 0.00, 0.53, 0.10
HSL	77°, 71%, 66%
HSV	77°, 53%, 90%
XYZ	53.4563, 69.2573, 24.4605
YIQ	205.5130, 18.6230, -45.6730

Conversions

Conversions Part 2

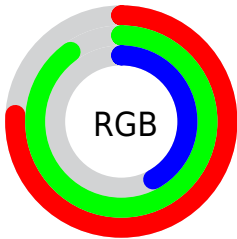
Format	Color
RYB	107, 230, 142
Decimal	12838507
CIELab	86.63, -29.66, 55.37
CIELCh	87, 62.811, 118.173
Yxy	69.2573, 0.3632, 0.4706
Android (android.graphics.Color)	4291028587 (0xFFC3E66B)
YUV	205.5130, -48.5669, -9.2199
Hunter-Lab	83.2210, -30.9787, 40.8280

Details

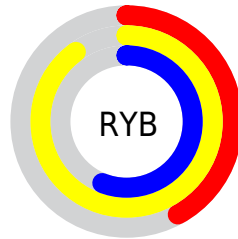
The XYZ color **53.4563, 69.2573, 24.4605** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **30.6988, 21.9813, 77.4918**, and the grayscale version is **58.6486, 61.7029, 67.1944**.

A 20% lighter version of the original color is **82.7010, 94.9759, 47.6916**, and **26.4261, 36.0181, 8.9275** is the 20% darker color. If you saturate the color by 10%, you get **50.7497, 67.9860, 18.8359**, and if you desaturate by 10%, it is **56.5622, 70.7018, 31.7862**.

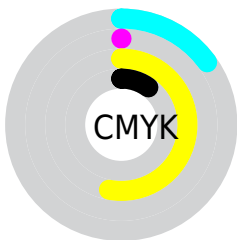
Distribution



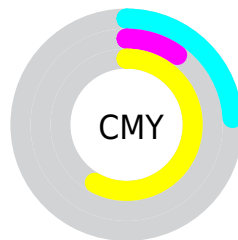
- Red (76%)
- Green (90%)
- Blue (42%)



- Red (42%)
- Yellow (90%)
- Blue (56%)



- Cyan (15%)
- Magenta (0%)
- Yellow (53%)
- Black (10%)





- Cyan (24%)
- Magenta (10%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4563, 69.2573, 24.4605 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 53.4563, 69.2573, 24.4605 by changing the saturation by 10% instead.


 53.4563, 69.2573,
24.4605


 53.4563, 69.2573,
24.4605


390.2656,
457.9379, 288.5016

 38.3961, 50.9213,
15.4602


 94.4371, 118.1490,
51.7339


 26.4689, 36.1460,
8.9928


 121.0883,
149.4735, 70.8440

 17.3092, 24.5469,
4.6397


 152.3340,
185.8962, 94.1612

 10.5519, 15.7398,
1.9825

 188.5394,
227.8016, 122.1040

 5.8314, 9.3402,
0.5445

230.0699,
275.5741, 155.0908

 2.7825, 4.9638,
0.0000

277.2908,

 1.0398, 2.2260,

329.5981, 193.5404

0.0000

330.5676,
390.2579, 237.8711

0.0000, 0.7341,
0.0000

0.0000, 0.0000,
0.0000

53.4563, 69.2573,
24.4605

53.4563, 69.2573,
24.4605

50.7497, 67.9860,
18.8359

56.5622, 70.7018,
31.7862

48.4104, 66.8675,
14.7705


60.0866, 72.3199,
40.9313


46.4088, 65.8926,
12.1064


64.0533, 74.1238,
52.0084


44.7073, 65.0459,
10.6508

68.4824, 76.1214,
65.1199


 43.7213, 64.5475,
10.1546

 73.3931, 78.3207,
80.3609

 78.8029, 80.7287,
97.8206

 82.5629, 82.4860,
106.1776

 84.8356, 83.6576,
106.2840

 87.1895, 84.8711,
106.3941

Harmonies

Analogous

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



66.7251, 69.2573, 20.2555



53.4563, 69.2573, 24.4605



44.7619, 69.2573, 40.4936

Triad

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



53.4563, 69.2573, 24.4605



52.1197, 69.2573, 166.2840



98.0174, 69.2573, 77.9991

Complementary

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



53.4563, 69.2573, 24.4605



30.6988, 21.9813, 77.4918

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.



92.6400, 69.2573, 126.1800



53.4563, 69.2573, 24.4605



64.9370, 69.2573, 187.5146

Square

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



53.4563, 69.2573, 24.4605



44.0741, 69.2573, 120.0318



79.9726, 69.2573, 170.6598



93.7674, 69.2573, 43.4949

Rectangle

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



53.4563, 69.2573, 24.4605



42.0201, 69.2573, 60.1188



79.9726, 69.2573, 170.6598



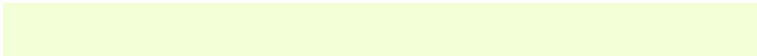
97.2618, 69.2573, 93.0950

Sweetspot

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



53.4580, 69.2604, 24.4620



85.0195, 95.5091, 77.7064



44.9403, 37.1882, 18.7203



17.9461, 20.3295, 15.8826



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.



53.4580, 69.2604, 24.4620



63.8514, 85.7795, 23.2712



40.7289, 62.6983, 23.8663



15.1809, 16.6003, 15.3085



24.8770, 36.6060, 5.7545



1.9284, 2.7515, 0.4295

Inverse Universe

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



30.6988, 21.9813, 77.4918



32.3819, 20.2640, 96.8124



44.2672, 28.9761, 78.1268



13.9661, 14.0848, 18.1269



9.4414, 3.9331, 42.6447



0.7867, 0.3365, 3.1555

Previews

White Background



This preview shows how the XYZ color 53.4563, 69.2573, 24.4605 looks on a white background.

Color Contrast Check

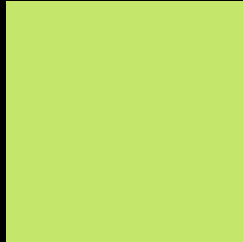
Large Text (above 18pt) WCAG AA × Fail

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 53.4563, 69.2573, 24.4605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

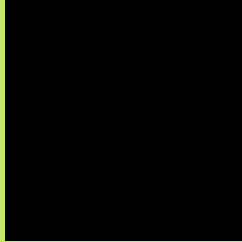
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4563, 69.2573, 24.4605

Background



This preview shows how black text looks on a background with the XYZ color 53.4563, 69.2573, 24.4605.

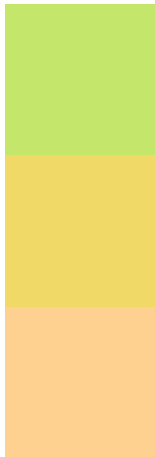


This preview shows how white text looks on a background with the XYZ color 53.4563, 69.2573,

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

53.4563, 69.2573, 24.4605

Protanopia

63.1962, 69.1302, 22.8446

Deuteranopia

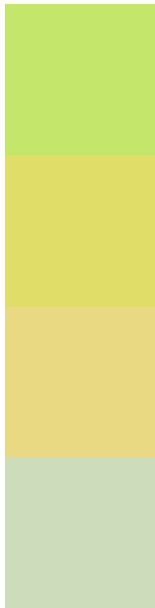
69.1513, 68.9053, 36.4434



Tritanopia

65.9855, 68.7539, 87.6349

Trichromacy



Original Color

53.4563, 69.2573, 24.4605

Protanomaly

59.3604, 69.0893, 23.3036

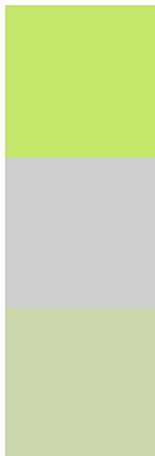
Deuteranomaly

62.5139, 68.5880, 31.4167

Tritanomaly

60.1104, 68.3229, 57.5964

Monochromacy



Original Color

53.4563, 69.2573, 24.4605

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

55.9133, 64.0597, 47.4480

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4563, 69.2573, 24.4605 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(195, 230, 107)` looks like.

```
.text, #text, p{  
    color:rgb(195, 230, 107)  
}
```

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(195, 230, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 230, 107) }
```

Border

The CSS property to change the border of an element to XYZ 53.4563, 69.2573, 24.4605 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(195, 230, 107) }
```


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

```
.border{ border-color:rgb(195, 230, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 230, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 230, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 230, 107); box-shadow:4px 4px 4px 4px rgb(195, 230, 107) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4563, 69.2573, 24.4605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 230, 107) }
```

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

```
.background{ background-color: rgb(195,  
230, 107) }
```

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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