

Converting Colors

XYZ(53.0936, 69.4520, 26.2013)

Have a look what the booklet for
XYZ(53.0936, 69.4520, 26.2013)
contains.

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Color

**XYZ(53.0424, 69.4204,
26.2266)**

Conversions

Conversions Part 1

Format	Color
Hex	BFE771
RGB	191, 231, 113
RGB Percent	75%, 91%, 44%
CMY	0.2510, 0.0941, 0.5569
CMYK	0.17, 0.00, 0.51, 0.09
HSL	80°, 71%, 67%
HSV	80°, 51%, 91%
XYZ	53.0424, 69.4204, 26.2266
YIQ	205.5880, 14.0380, -45.1780

Conversions

Conversions Part 2

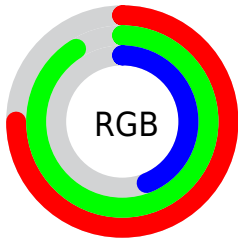
Format	Color
RYB	113, 231, 153
Decimal	12576625
CIELab	86.71, -31.07, 52.65
CIELCh	87, 61.134, 120.546
Yxy	69.4204, 0.3567, 0.4669
Android (android.graphics.Color)	4290766705 (0xFFBFE771)
YUV	205.5880, -45.6459, -12.7937
Hunter-Lab	83.3189, -32.1716, 39.6603

Details

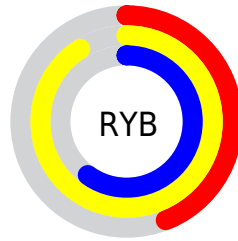
The XYZ color **53.0424, 69.4204, 26.2266** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **33.4685, 24.3539, 78.5420**, and the grayscale version is **58.6805, 61.7365, 67.2310**.

A 20% lighter version of the original color is **81.8020, 94.4498, 50.4784**, and **26.1373, 36.1371, 9.8725** is the 20% darker color. If you saturate the color by 10%, you get **49.9873, 67.9793, 20.1379**, and if you desaturate by 10%, it is **56.5372, 71.0544, 34.0663**.

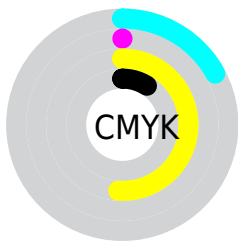
Distribution



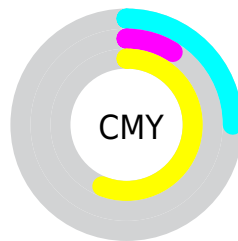
- Red (75%)
- Green (91%)
- Blue (44%)



- Red (44%)
- Yellow (91%)
- Blue (60%)



- Cyan (17%)
- Magenta (0%)
- Yellow (51%)
- Black (9%)





- Cyan (25%)
- Magenta (9%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0424, 69.4204, 26.2266 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 53.0424, 69.4204, 26.2266 by changing the saturation by 10% instead.


 53.0424, 69.4204,
26.2266

 53.0424, 69.4204,
26.2266


388.7060,
458.5123, 297.5335


 38.0642, 51.0542,
16.7660


 93.8319, 118.3818,
54.6288

 26.2100, 36.2517,
9.9076

 120.3740,
149.7458, 74.4075

 17.1143, 24.6287,
5.2329


 151.5014,
186.2112, 98.4626

 10.4118, 15.8006,
2.3234

187.5795,
228.1623, 127.2127

 5.7372, 9.3832,
0.7443

228.9736,
275.9836, 161.0763

 2.7251, 4.9919,
0.0000

276.0492,

 1.0101, 2.2425,

330.0594, 200.4719

0.0000

329.1715,
390.7742, 245.8181

0.0000, 0.7430,
0.0000

0.0000, 0.0000,
0.0000

53.0424, 69.4204,
26.2266

53.0424, 69.4204,
26.2266

49.9873, 67.9793,
20.1379

56.5372, 71.0544,
34.0663

47.3395, 66.7107,
15.6605


60.4913, 72.8820,
43.7733


45.0697, 65.6050,
12.6412

64.9286, 74.9155,
55.4593

43.1411, 64.6475,
10.8947

69.8701, 77.1633,
69.2259

 41.6557, 63.8969,
10.1379

 75.3352, 79.6335,
85.1677

 81.3421, 82.3335,
103.3735

 84.5707, 83.9353,
106.3515

 87.3734, 85.3801,
106.4827

 87.8674, 85.6348,
106.5058

Harmonies

Analogous

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



65.7220, 69.4204, 21.2213



53.0424, 69.4204, 26.2266



44.9283, 69.4204, 43.2584

Triad

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



53.0424, 69.4204, 26.2266



53.4333, 69.4204, 166.2934



97.2622, 69.4204, 74.8437

Complementary

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



53.0424, 69.4204, 26.2266



33.4685, 24.3539, 78.5420

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.



92.7592, 69.4204, 120.9843



53.0424, 69.4204, 26.2266



66.2427, 69.4204, 183.9959

Square

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



53.0424, 69.4204, 26.2266



45.1301, 69.4204, 122.7602



80.8714, 69.4204, 165.0352



92.4329, 69.4204, 42.3741

Rectangle

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



53.0424, 69.4204, 26.2266



42.5254, 69.4204, 63.4439



80.8714, 69.4204, 165.0352



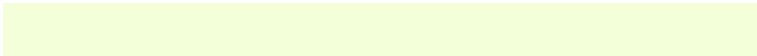
96.7837, 69.4204, 89.1884

Sweetspot

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



53.0441, 69.4235, 26.2281



84.8810, 95.3997, 79.4156



47.2206, 40.7482, 21.0001



17.8877, 20.2920, 16.2176



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.



53.0441, 69.4235, 26.2281



62.4627, 85.0231, 25.0365



41.1791, 63.3069, 25.6728



15.1022, 16.5597, 15.3048



23.4892, 35.8906, 5.6896



1.8340, 2.7028, 0.4250

Inverse Universe

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



33.4685, 24.3539, 78.5420



35.5381, 22.9224, 97.1591



47.2910, 31.4797, 79.1889



14.0411, 14.1234, 18.1304



9.9810, 4.2113, 42.6700



0.8339, 0.3609, 3.1577

Previews

White Background



This preview shows how the XYZ color 53.0424, 69.4204, 26.2266 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 53.0424, 69.4204, 26.2266 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 53.0424, 69.4204, 26.2266

Background



This preview shows how black text looks on a background with the XYZ color 53.0424, 69.4204, 26.2266.

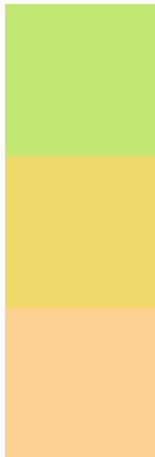


This preview shows how white text looks on a background with the XYZ color 53.0424, 69.4204,

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

53.0424, 69.4204, 26.2266

Protanopia

63.1162, 69.0591, 24.1905

Deuteranopia

69.3069, 68.9675, 37.2630



Tritanopia

65.7989, 69.4064, 88.5261

Trichromacy



Original Color

53.0424, 69.4204, 26.2266

Protanomaly

59.0599, 68.8979, 24.9377

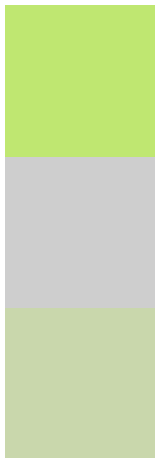
Deuteranomaly

62.4647, 68.5308, 32.8572

Tritanomaly

59.8790, 68.9544, 59.4438

Monochromacy



Original Color

53.0424, 69.4204, 26.2266

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

55.8342, 63.9969, 48.4396

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.0424, 69.4204, 26.2266 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(191, 231, 113)` looks like.

```
.text, #text, p{  
    color:rgb(191, 231, 113)  
}
```

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(191, 231, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 231, 113) }
```

Border

The CSS property to change the border of an element to XYZ 53.0424, 69.4204, 26.2266 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(191, 231, 113) }
```


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

```
.border{ border-color:rgb(191, 231, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 231, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 231, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 231, 113);  
box-shadow:4px 4px 4px 4px rgb(191, 231,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0424, 69.4204, 26.2266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 231, 113) }
```

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

```
.background{ background-color: rgb(191,  
231, 113) }
```

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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