

Converting Colors

XYZ(55.6078, 74.9929, 26.1721)

Have a look what the booklet for
XYZ(55.6078, 74.9929, 26.1721)
contains.

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Color

**XYZ(55.7556, 75.1127,
26.3114)**

Conversions

Conversions Part 1

Format	Color
Hex	BFF16E
RGB	191, 241, 110
RGB Percent	75%, 95%, 43%
CMY	0.2510, 0.0549, 0.5686
CMYK	0.21, 0.00, 0.54, 0.05
HSL	83°, 82%, 69%
HSV	83°, 54%, 95%
XYZ	55.7556, 75.1127, 26.3114
YIQ	211.1160, 12.2510, -51.3410

Conversions

Conversions Part 2

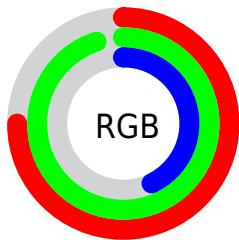
Format	Color
RYB	110, 241, 160
Decimal	12579182
CIELab	89.45, -35.95, 57.23
CIElCh	89, 67.585, 122.137
Yxy	75.1127, 0.3547, 0.4779
Android (android.graphics.Color)	4290769262 (0xFFBFF16E)
YUV	211.1160, -49.8502, -17.6417
Hunter-Lab	86.6676, -36.8344, 42.6675

Details

The XYZ color **55.7556, 75.1127, 26.3114** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **35.9534, 24.9784, 86.1497**, and the grayscale version is **62.3088, 65.5537, 71.3880**.

A 20% lighter version of the original color is **81.9759, 94.5606, 49.5287**, and **28.0544, 40.1343, 10.0095** is the 20% darker color. If you saturate the color by 10%, you get **52.3770, 73.5049, 20.2110**, and if you desaturate by 10%, it is **59.6400, 76.9448, 34.3008**.

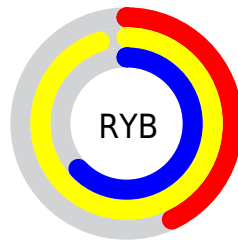
Distribution



Red (75%)

Green (95%)

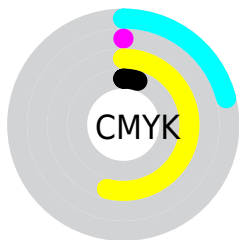
Blue (43%)



Red (43%)

Yellow (95%)

Blue (63%)

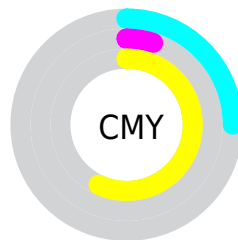


Cyan (21%)

Magenta (0%)

Yellow (54%)

Black (5%)



Cyan (25%)

Magenta (5%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7556, 75.1127, 26.3114 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 55.7556, 75.1127, 26.3114 by changing the saturation by 10% instead.

■ 55.7556, 75.1127,
26.3114

■ 55.7556, 75.1127,
26.3114

398.8598,
478.3048, 297.9614

■ 40.2432, 55.7052,
16.8289

■ 97.7890, 126.4719,
54.7671

■ 27.9133, 39.9666,
9.9519

■ 125.0408,
159.1924, 74.5774

■ 18.4004, 27.5125,
5.2619

■ 156.9364,
197.1193, 98.6674

■ 11.3393, 17.9585,
2.3403

193.8413,
240.6371, 127.4556

■ 6.3645, 10.9202,
0.7537

236.1207,
290.1302, 161.3605

■ 3.1107, 6.0132,
0.0000

284.1400,

■ 1.2126, 2.8531,

345.9829, 200.8008

0.0000

338.2646,
408.5797, 246.1949

■ 0.1163, 1.0555,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7556, 75.1127,
26.3114

■ 55.7556, 75.1127,
26.3114

■ 52.3770, 73.5049,
20.2110

■ 59.6400, 76.9448,
34.3008

■ 49.4664, 72.0982,
15.8383


■ 64.0536, 79.0031,
44.3134


■ 46.9885, 70.8808,
13.0134


■ 69.0248, 81.3017,
56.4764


■ 44.8983, 69.8343,
11.5144

■ 74.5778, 83.8508,
70.9055

 43.8531, 69.3043,
11.0658

 80.7354, 86.6596,
87.7080

 87.5190, 89.7370,
106.9845

 90.7469, 91.3938,
107.4656

Harmonies

Analogous

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



70.2113, 75.1127, 20.3051



55.7556, 75.1127, 26.3114



46.7756, 75.1127, 46.1341

Triad

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



55.7556, 75.1127, 26.3114



57.5183, 75.1127, 191.8262



108.1819, 75.1127, 78.4307

Complementary

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



55.7556, 75.1127, 26.3114



35.9534, 24.9784, 86.1497

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.



103.4119, 75.1127, 132.2483



55.7556, 75.1127, 26.3114



72.5866, 75.1127, 210.9858

Square

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



55.7556, 75.1127, 26.3114



47.6772, 75.1127, 140.5314



89.7093, 75.1127, 185.8844



101.8990, 75.1127, 42.2280

Rectangle

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



55.7556, 75.1127, 26.3114



44.2626, 75.1127, 69.9308



89.7093, 75.1127, 185.8844



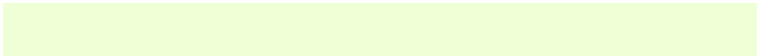
107.8165, 75.1127, 94.9083

Sweetspot

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



55.7574, 75.1160, 26.3130



83.6638, 94.8102, 77.6430



51.3254, 44.2942, 20.5974



17.6217, 20.1623, 15.8674



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.



55.7574, 75.1160, 26.3130



59.2437, 83.4168, 22.4849



43.0942, 68.5879, 25.7204



16.5045, 18.1402, 16.7813



23.9343, 37.6601, 6.0077



2.1015, 3.1899, 0.5049

Inverse Universe

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



35.9534, 24.9784, 86.1497



34.6896, 21.1321, 96.8583



52.0519, 33.2775, 86.9031



15.4676, 15.5228, 19.9026



11.1416, 4.7491, 45.4573



1.0344, 0.4505, 3.7867

Previews

White Background



This preview shows how the XYZ color 55.7556, 75.1127, 26.3114 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 55.7556, 75.1127, 26.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

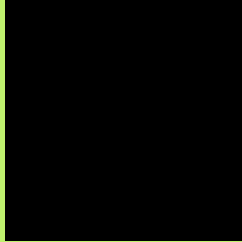
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7556, 75.1127, 26.3114

Background



This preview shows how black text looks on a background with the XYZ color 55.7556, 75.1127, 26.3114.

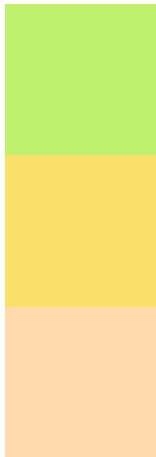


This preview shows how white text looks on a background with the XYZ color 55.7556, 75.1127,

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

55.7556, 75.1127, 26.3114

Protanopia

67.9169, 74.2877, 24.1240

Deuteranopia

73.7578, 74.3814, 49.4993



Tritanopia

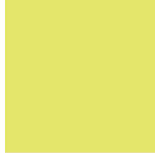
69.9629, 74.9406, 97.1637

Trichromacy



Original Color

55.7556, 75.1127, 26.3114



Protanomaly

62.6292, 73.9861, 24.8897



Deuteranomaly

65.8999, 73.7184, 39.1896



Tritanomaly

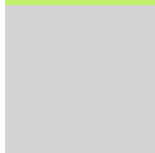
63.1775, 74.2553, 63.2274

Monochromacy



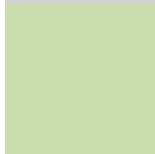
Original Color

55.7556, 75.1127, 26.3114



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

58.6631, 68.1359, 50.1041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7556, 75.1127, 26.3114 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, 241, 110)` looks like.

```
.text, #text, p{  
    color:rgb(191, 241, 110)  
}
```

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, 241, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 241, 110) }
```

Border

The CSS property to change the border of an element to XYZ 55.7556, 75.1127, 26.3114 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, 241, 110) }
```


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

```
.border{ border-color:rgb(191, 241, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 241, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 241, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 241, 110);  
box-shadow:4px 4px 4px 4px rgb(191, 241,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7556, 75.1127, 26.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 241, 110) }
```

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

```
.background{ background-color: rgb(191,  
241, 110) }
```

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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