

Converting Colors

XYZ(53.7983, 76.7141, 26.7670)

Have a look what the booklet for
XYZ(53.7983, 76.7141, 26.7670)
contains.

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Color

**XYZ(53.7544, 76.7613,
26.7351)**

Conversions

Conversions Part 1

Format	Color
Hex	AFF76E
RGB	175, 247, 110
RGB Percent	69%, 97%, 43%
CMY	0.3137, 0.0314, 0.5686
CMYK	0.29, 0.00, 0.55, 0.03
HSL	92°, 90%, 70%
HSV	92°, 55%, 97%
XYZ	53.7544, 76.7613, 26.7351
YIQ	209.8540, 1.0650, -57.8710

Conversions

Conversions Part 2

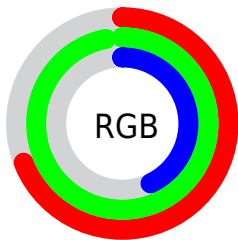
Format	Color
RYB	110, 247, 182
Decimal	11532142
CIELab	90.21, -44.32, 57.89
CIELCh	90, 72.905, 127.441
Yxy	76.7613, 0.3418, 0.4881
Android (android.graphics.Color)	4289722222 (0xFFAFF76E)
YUV	209.8540, -49.2280, -30.5670
Hunter-Lab	87.6135, -43.8068, 43.2372

Details

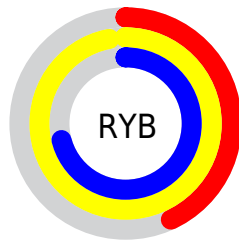
The XYZ color **53.7544, 76.7613, 26.7351** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **41.6593, 27.8147, 91.1731**, and the grayscale version is **61.4769, 64.6785, 70.4349**.

A 20% lighter version of the original color is **76.1558, 91.5603, 49.2564**, and **26.5743, 40.9543, 10.1188** is the 20% darker color. If you saturate the color by 10%, you get **49.8181, 74.8688, 20.4831**, and if you desaturate by 10%, it is **58.3494, 78.9549, 34.9772**.

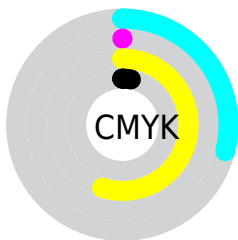
Distribution



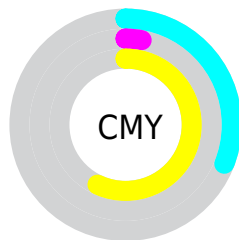
- Red (69%)
- Green (97%)
- Blue (43%)



- Red (43%)
- Yellow (97%)
- Blue (71%)



- Cyan (29%)
- Magenta (0%)
- Yellow (55%)
- Black (3%)





- Cyan (31%)
- Magenta (3%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7544, 76.7613, 26.7351 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 53.7544, 76.7613, 26.7351 by changing the saturation by 10% instead.


 53.7544, 76.7613,
26.7351


 53.7544, 76.7613,
26.7351


391.3864,
483.9498, 300.0917


 38.6352, 57.0570,
17.1437


 94.8725, 128.8025,
55.4571


 26.6555, 41.0510,
10.1740


 121.6022,
161.9081, 75.4247

 17.4499, 28.3589,
5.4073


 152.9328,
200.2497, 99.6881

 10.6531, 18.5964,
2.4253

 189.2296,
244.2115, 128.6660

 5.8996, 11.3790,
0.8002

230.8580,
294.1781, 162.7767

 2.8242, 6.3224,
0.0000

278.1834,

 1.0615, 3.0421,

350.5337, 202.4389

0.0000

331.5711,
413.6628, 248.0710

0.0000, 1.1537,
0.0000

0.0000, 0.0234,
0.0000

53.7544, 76.7613,
26.7351

53.7544, 76.7613,
26.7351

49.8181, 74.8688,
20.4831

58.3494, 78.9549,
34.9772

46.4949, 73.2504,
16.0472


63.6334, 81.4547,
45.3539


43.7414, 71.8903,
13.2321


69.6411, 84.2780,
58.0022

41.5025, 70.7657,
11.7945

76.4030, 87.4380,
73.0461

 40.6232, 70.3195,
11.4320

 83.9477, 90.9467,
90.6007

 91.7814, 94.6074,
108.0314

 92.5524, 95.0048,
108.0675

Harmonies

Analogous

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



68.5379, 76.7613, 18.5299



53.7544, 76.7613, 26.7351



45.2723, 76.7613, 50.8349

Triad

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



53.7544, 76.7613, 26.7351



60.3876, 76.7613, 213.8122



113.2664, 76.7613, 71.3078

Complementary

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



53.7544, 76.7613, 26.7351



41.6593, 27.8147, 91.1731

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.



110.1138, 76.7613, 128.0235



53.7544, 76.7613, 26.7351



77.5669, 76.7613, 226.7809

Square

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



53.7544, 76.7613, 26.7351



48.6362, 76.7613, 160.1404



96.2672, 76.7613, 190.5321



104.2808, 76.7613, 36.3961

Rectangle

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



53.7544, 76.7613, 26.7351



43.3842, 76.7613, 79.2013



96.2672, 76.7613, 190.5321



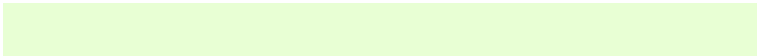
113.6136, 76.7613, 88.1172

Sweetspot

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



53.7562, 76.7646, 26.7368



80.9484, 93.4478, 75.8269



57.6552, 53.8626, 22.1107



17.0045, 19.8515, 15.5059



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.



53.7562, 76.7646, 26.7368



52.9257, 80.1837, 21.1059



42.6340, 71.0163, 26.8737



17.0300, 18.8575, 17.5399



21.6447, 37.2711, 6.0532



2.0201, 3.3365, 0.5375

Inverse Universe

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



41.6593, 27.8147, 91.1731



38.6755, 22.5764, 96.9270



60.3750, 37.5034, 90.2207



16.4125, 16.3553, 20.8344



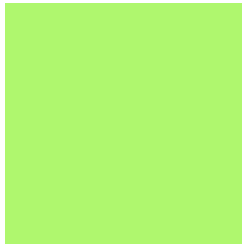
13.8983, 6.1392, 46.9905



1.3402, 0.6007, 4.1356

Previews

White Background



This preview shows how the XYZ color 53.7544, 76.7613, 26.7351 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 53.7544, 76.7613, 26.7351 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

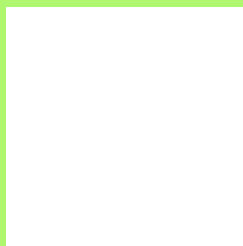
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7544, 76.7613, 26.7351

Background



This preview shows how black text looks on a background with the XYZ color 53.7544, 76.7613, 26.7351.



This preview shows how white text looks on a background with the XYZ color 53.7544, 76.7613,

26.7351.

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

53.7544, 76.7613, 26.7351

Protanopia

69.4282, 75.8812, 23.8192

Deuteranopia

74.8691, 75.6608, 52.7774



Tritanopia

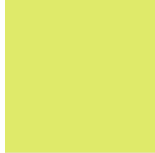
68.7749, 76.2804, 102.3655

Trichromacy



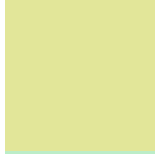
Original Color

53.7544, 76.7613, 26.7351



Protanomaly

62.4558, 75.5742, 24.9312



Deuteranomaly

65.4106, 75.0623, 41.1780



Tritanomaly

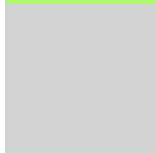
61.4486, 75.4299, 65.9643

Monochromacy



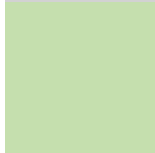
Original Color

53.7544, 76.7613, 26.7351



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

57.0536, 67.7017, 50.1051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7544, 76.7613, 26.7351 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(175, 247, 110)` looks like.

```
.text, #text, p{  
    color:rgb(175, 247, 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(175, 247, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 247, 110) }
```

Border

The CSS property to change the border of an element to XYZ 53.7544, 76.7613, 26.7351 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(175, 247, 110) }
```


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

```
.border{ border-color:rgb(175, 247, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 247, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 247, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 247, 110);  
box-shadow:4px 4px 4px 4px rgb(175, 247,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7544, 76.7613, 26.7351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 247, 110) }
```

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

```
.background{ background-color: rgb(175,  
247, 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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