

Converting Colors

XYZ(54.1034, 76.5542, 30.7101)

Have a look what the booklet for
XYZ(54.1034, 76.5542, 30.7101)
contains.

XYZ(53.9865, 76.3403, 30.6287)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.9865, 76.3403,
30.6287)**

Conversions

Conversions Part 1

Format	Color
Hex	AEF67B
RGB	174, 246, 123
RGB Percent	68%, 96%, 48%
CMY	0.3176, 0.0353, 0.5176
CMYK	0.29, 0.00, 0.50, 0.04
HSL	95°, 87%, 72%
HSV	95°, 50%, 96%
XYZ	53.9865, 76.3403, 30.6287
YIQ	210.4500, -3.4290, -53.5170

Conversions

Conversions Part 2

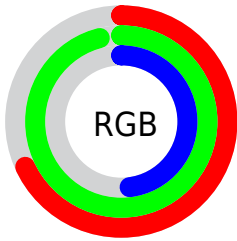
Format	Color
RYB	123, 246, 195
Decimal	11466363
CIELab	90.02, -42.89, 51.74
CIELCh	90, 67.207, 129.655
Yxy	76.3403, 0.3354, 0.4743
Android (android.graphics.Color)	4289656443 (0xFFAEF67B)
YUV	210.4500, -43.1128, -31.9666
Hunter-Lab	87.3729, -42.6100, 40.3769

Details

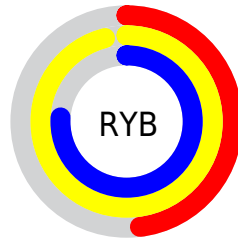
The XYZ color **53.9865, 76.3403, 30.6287** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **46.2267, 32.4242, 91.0151**, and the grayscale version is **61.8327, 65.0528, 70.8425**.

A 20% lighter version of the original color is **77.0746, 91.8902, 55.7938**, and **26.7743, 40.6889, 12.2369** is the 20% darker color. If you saturate the color by 10%, you get **49.5982, 74.2366, 23.3703**, and if you desaturate by 10%, it is **59.1094, 78.7828, 39.9441**.

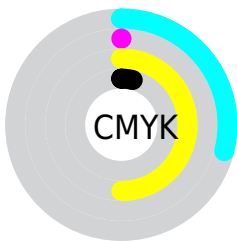
Distribution



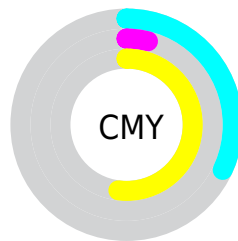
- Red (68%)
- Green (96%)
- Blue (48%)



- Red (48%)
- Yellow (96%)
- Blue (76%)



- Cyan (29%)
- Magenta (0%)
- Yellow (50%)
- Black (4%)




- Cyan (32%)
- Magenta (4%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9865, 76.3403, 30.6287 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 53.9865, 76.3403, 30.6287 by changing the saturation by 10% instead.


 53.9865, 76.3403,
30.6287

 53.9865, 76.3403,
30.6287


392.2577,
482.5118, 319.1221


 38.8215, 56.7116,
20.0602


 95.2114, 128.2078,
61.7277

 26.8010, 40.7737,
12.2543


 122.0021,
161.2154, 83.0953

 17.5596, 28.1423,
6.7925


 153.3986,
199.4515, 108.8997

 10.7321, 18.4330,
3.2562

189.7665,
243.3003, 139.5594

 5.9529, 11.2613,
1.2269

231.4709,
293.1464, 175.4929

 2.8569, 6.2429,
0.0007

278.8774,

 1.0785, 2.9933,

349.3741, 217.1189

0.0000

332.3512,
412.3677, 264.8558

0.0070, 1.1282,
0.0000

0.0000, 0.0019,
0.0000

53.9865, 76.3403,
30.6287

53.9865, 76.3403,
30.6287

49.5982, 74.2366,
23.3703

59.1094, 78.7828,
39.9441

45.8987, 72.4443,
18.0078


64.9983, 81.5700,
51.4516


42.8447, 70.9473,
14.3642


71.6889, 84.7200,
65.2805

40.3838, 69.7234,
12.2268

79.2132, 88.2466,
81.5487

 38.4363, 68.7392,
11.2422

 87.6010, 92.1629,
100.3659

 38.4362, 68.7392,
11.2422

 92.2474, 94.3948,
107.9658

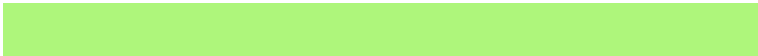
Harmonies

Analogous

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



67.3214, 76.3403, 21.5383



53.9865, 76.3403, 30.6287



46.4911, 76.3403, 55.1456

Triad

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



53.9865, 76.3403, 30.6287



61.9880, 76.3403, 202.1299



108.9171, 76.3403, 68.6737

Complementary

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



53.9865, 76.3403, 30.6287



46.2267, 32.4242, 91.0151

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.



106.9057, 76.3403, 119.2477



53.9865, 76.3403, 30.6287



78.0617, 76.3403, 210.2311

Square

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



53.9865, 76.3403, 30.6287



50.5968, 76.3403, 156.4346



94.9668, 76.3403, 175.5795



100.1034, 76.3403, 37.2662

Rectangle

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



53.9865, 76.3403, 30.6287



45.0229, 76.3403, 82.5701



94.9668, 76.3403, 175.5795



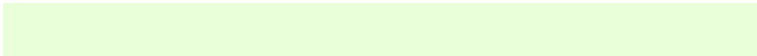
109.5119, 76.3403, 83.6755

Sweetspot

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



53.9884, 76.3436, 30.6304



81.7285, 93.7746, 79.2680



61.0434, 59.9443, 27.0931



17.1287, 19.9007, 16.1821



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.



53.9884, 76.3436, 30.6304



53.7657, 80.5253, 25.2796



45.3775, 71.8265, 33.7546



16.9331, 18.8076, 17.5353



20.6655, 36.7662, 6.0074



1.9303, 3.2902, 0.5333

Inverse Universe

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



46.2267, 32.4242, 91.0151



44.4299, 27.8726, 97.6460



60.1961, 39.8025, 83.6805



16.5108, 16.4060, 20.8390



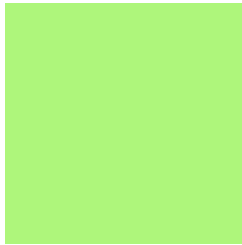
15.1821, 6.8010, 47.0506



1.4511, 0.6579, 4.1407

Previews

White Background



This preview shows how the XYZ color 53.9865, 76.3403, 30.6287 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 53.9865, 76.3403, 30.6287 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

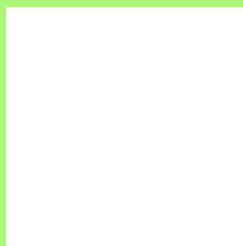
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9865, 76.3403, 30.6287

Background



This preview shows how black text looks on a background with the XYZ color 53.9865, 76.3403, 30.6287.

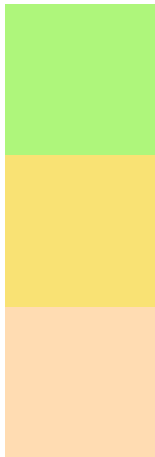


This preview shows how white text looks on a background with the XYZ color 53.9865, 76.3403,

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

53.9865, 76.3403, 30.6287

Protanopia

69.4157, 75.7934, 27.4940

Deuteranopia

74.8691, 75.6608, 52.7774



Tritanopia

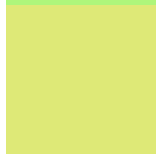
68.1043, 75.9528, 101.5134

Trichromacy



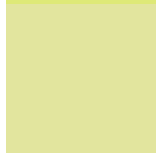
Original Color

53.9865, 76.3403, 30.6287



Protanomaly

62.5929, 75.1393, 28.6571



Deuteranomaly

65.5549, 74.6760, 43.3065



Tritanomaly

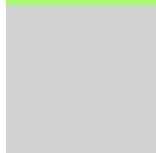
61.4330, 75.3671, 68.4362

Monochromacy



Original Color

53.9865, 76.3403, 30.6287



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

57.4495, 67.8600, 52.1899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9865, 76.3403, 30.6287 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(174, 246, 123)` looks like.

```
.text, #text, p{  
    color:rgb(174, 246, 123)  
}
```

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(174, 246, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 246, 123) }
```

Border

The CSS property to change the border of an element to XYZ 53.9865, 76.3403, 30.6287 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(174, 246, 123) }
```


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

```
.border{ border-color:rgb(174, 246, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 246, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 246, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 246, 123);  
box-shadow:4px 4px 4px 4px rgb(174, 246,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9865, 76.3403, 30.6287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 246, 123) }
```

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

```
.background{ background-color: rgb(174,  
246, 123) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor