

Converting Colors

XYZ(61.9521, 96.8405, 29.5594)

Have a look what the booklet for
XYZ(61.9521, 96.8405, 29.5594)
contains.

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Color

**XYZ(53.7766, 80.4952,
26.8902)**

Conversions

Conversions Part 1

Format	Color
Hex	A4FF6C
RGB	164, 255, 108
RGB Percent	64%, 100%, 42%
CMY	0.3569, 0.0000, 0.5765
CMYK	0.36, 0.00, 0.58, 0.00
HSL	97°, 100%, 71%
HSV	97°, 58%, 100%
XYZ	53.7766, 80.4952, 26.8902
YIQ	211.0330, -7.0490, -65.0090

Conversions

Conversions Part 2

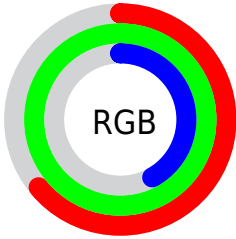
Format	Color
RYB	108, 255, 199
Decimal	10813292
CIELab	91.91, -51.57, 60.57
CIELCh	92, 79.547, 130.414
Yxy	80.4952, 0.3337, 0.4995
Android (android.graphics.Color)	4289003372 (0xFFA4FF6C)
YUV	211.0330, -50.7953, -41.2479
Hunter-Lab	89.7191, -50.0176, 45.0333

Details

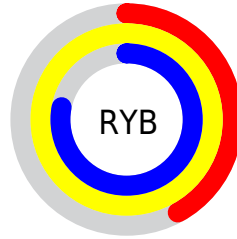
The XYZ color **53.7766, 80.4952, 26.8902** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **46.9674, 30.0888, 97.9400**, and the grayscale version is **62.2670, 65.5097, 71.3401**.

A 20% lighter version of the original color is **72.8023, 89.8523, 48.1565**, and **26.7578, 43.7003, 10.2735** is the 20% darker color. If you saturate the color by 10%, you get **49.5537, 78.4528, 20.6148**, and if you desaturate by 10%, it is **58.8012, 82.9051, 35.2766**.

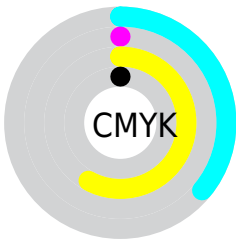
Distribution



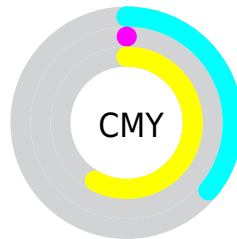
- Red (64%)
- Green (100%)
- Blue (42%)



- Red (42%)
- Yellow (100%)
- Blue (78%)



- Cyan (36%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)




- Cyan (36%)
- Magenta (0%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7766, 80.4952, 26.8902 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 53.7766, 80.4952, 26.8902 by changing the saturation by 10% instead.

 53.7766, 80.4952,
26.8902


 53.7766, 80.4952,
26.8902


391.4698,
496.6001, 300.8684


 38.6530, 60.1259,
17.2591


 94.9050, 134.0617,
55.7092


 26.6694, 43.5202,
10.2555


 121.6405,
168.0278, 75.7342

 17.4604, 30.2934,
5.4609


 152.9774,
207.2949, 100.0608

 10.6606, 20.0614,
2.4567

 189.2810,
252.2475, 129.1077

 5.9047, 12.4397,
0.8171

230.9167,
303.2699, 163.2934

 2.8273, 7.0439,
0.0000

278.2498,

 1.0631, 3.4896,

360.7465, 203.0364

0.0000

331.6457,
425.0618, 248.7552

0.0000, 1.3923,
0.0000

0.0000, 0.2111,
0.0000

53.7766, 80.4952,
26.8902

53.7766, 80.4952,
26.8902

49.5537, 78.4528,
20.6148

58.8012, 82.9051,
35.2766

46.0814, 76.7555,
16.2580

64.6723, 85.7019,
45.9364

43.3021, 75.3787,
13.5987

71.4315, 88.9038,
59.0204

41.1435, 74.2915,
12.3436

79.1176, 92.5278,
74.6654

■ 40.7045, 74.0690,
12.1514

■ 87.7667, 96.5898,
92.9978

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



69.6298, 80.4952, 17.0543



53.7766, 80.4952, 26.8902



45.1638, 80.4952, 55.1022

Triad

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



53.7766, 80.4952, 26.8902



64.0891, 80.4952, 241.9598



121.9751, 80.4952, 68.8545

Complementary

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



53.7766, 80.4952, 26.8902



46.9674, 30.0888, 97.9400

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.



119.7711, 80.4952, 130.9924



53.7766, 80.4952, 26.8902



83.8255, 80.4952, 251.2329

Square

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



53.7766, 80.4952, 26.8902



50.3432, 80.4952, 182.5997



104.8834, 80.4952, 204.1319



110.4572, 80.4952, 33.0976

Rectangle

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



53.7766, 80.4952, 26.8902



43.5849, 80.4952, 88.4600



104.8834, 80.4952, 204.1319



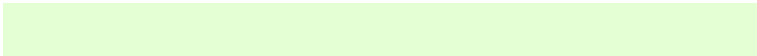
122.8582, 80.4952, 86.8362

Sweetspot

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



53.7769, 80.4953, 26.8914



79.6464, 92.7766, 75.7660



64.2904, 63.0295, 22.9660



16.6981, 19.6935, 15.4915



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.



53.7769, 80.4953, 26.8914



49.0406, 78.2031, 19.9167



45.6564, 76.1930, 31.7540



18.4256, 20.5053, 19.1311



21.4219, 38.7815, 6.3565



2.2028, 3.8364, 0.6244

Inverse Universe

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



46.9674, 30.0888, 97.9400



41.5824, 23.5073, 96.9535



62.0137, 38.1503, 84.8691



18.0831, 17.9346, 22.7586



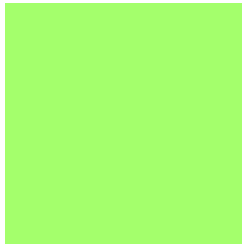
16.9567, 7.6520, 50.0178



1.7727, 0.8078, 4.8758

Previews

White Background



This preview shows how the XYZ color 53.7766, 80.4952, 26.8902 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 53.7766, 80.4952, 26.8902 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

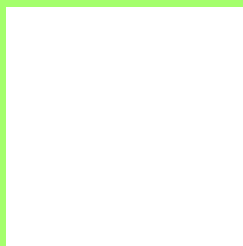
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.7766, 80.4952, 26.8902

Background



This preview shows how black text looks on a background with the XYZ color 53.7766, 80.4952, 26.8902.



This preview shows how white text looks on a background with the XYZ color 53.7766, 80.4952,

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

53.7766, 80.4952, 26.8902

Protanopia

72.7405, 79.5817, 26.8562

Deuteranopia

77.9508, 79.4585, 61.0977



Tritanopia

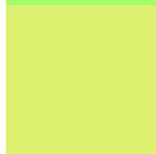
70.8727, 79.8384, 106.2827

Trichromacy



Original Color

53.7766, 80.4952, 26.8902



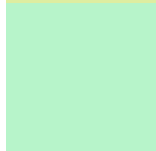
Protanomaly

64.1535, 78.9975, 26.9057



Deuteranomaly

66.8414, 78.6712, 45.3804



Tritanomaly

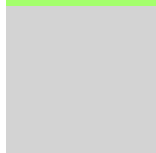
62.5398, 79.0329, 67.8358

Monochromacy



Original Color

53.7766, 80.4952, 26.8902



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

57.3572, 69.4635, 50.4291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7766, 80.4952, 26.8902 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(164, 255, 108)` looks like.

```
.text, #text, p{  
    color:rgb(164, 255, 108)  
}
```

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(164, 255, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 255, 108) }
```

Border

The CSS property to change the border of an element to XYZ 53.7766, 80.4952, 26.8902 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(164, 255, 108) }
```


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

```
.border{ border-color:rgb(164, 255, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 255, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 255, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 255, 108);  
box-shadow:4px 4px 4px 4px rgb(164, 255,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7766, 80.4952, 26.8902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 255, 108) }
```

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

```
.background{ background-color: rgb(164,  
255, 108) }
```

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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