

Converting Colors

XYZ(79.4814, 133.3588,
42.4423)

Have a look what the booklet for
XYZ(79.4814, 133.3588, 42.4423)
contains.

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Color

**XYZ(52.6713, 79.7804,
33.3920)**

Conversions

Conversions Part 1

Format	Color
Hex	98FF81
RGB	152, 255, 129
RGB Percent	60%, 100%, 51%
CMY	0.4039, 0.0000, 0.4941
CMYK	0.40, 0.00, 0.49, 0.00
HSL	109°, 100%, 75%
HSV	109°, 49%, 100%
XYZ	52.6713, 79.7804, 33.3920
YIQ	209.8390, -20.9420, -61.0220

Conversions

Conversions Part 2

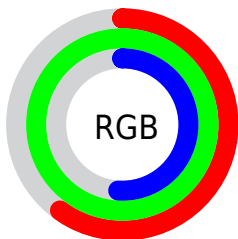
Format	Color
R _Y B	129, 255, 232
Decimal	10026881
CIE Lab	91.59, -53.04, 50.62
CIE LCh	92, 73.321, 136.338
Yxy	79.7804, 0.3176, 0.4811
Android (android.graphics.Color)	4288216961 (0xFF98FF81)
YUV	209.8390, -39.8536, -50.7248
Hunter-Lab	89.3199, -51.0496, 40.3585

Details

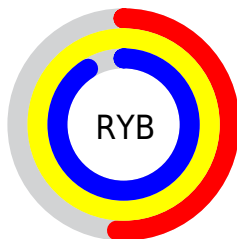
The XYZ color **52.6713, 79.7804, 33.3920** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **59.1806, 40.0778, 99.2244**, and the grayscale version is **61.4157, 64.6141, 70.3648**.

A 20% lighter version of the original color is **71.2757, 88.8296, 58.7366**, and **25.8869, 42.8340, 13.7409** is the 20% darker color. If you saturate the color by 10%, you get **47.6175, 77.3470, 25.3847**, and if you desaturate by 10%, it is **58.8343, 82.7366, 43.6611**.

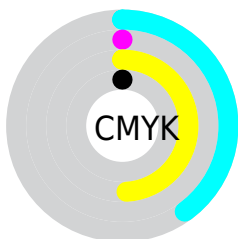
Distribution



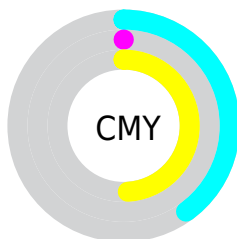
- Red (60%)
- Green (100%)
- Blue (51%)



- Red (51%)
- Yellow (100%)
- Blue (91%)



- Cyan (40%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6713, 79.7804, 33.3920 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 52.6713, 79.7804, 33.3920 by changing the saturation by 10% instead.


 52.6713, 79.7804,
33.3920


 52.6713, 79.7804,
33.3920


387.3043,
494.1925, 332.0984


 37.7669, 59.5377,
22.1533


 93.2889, 133.0569,
66.1101

 25.9782, 43.0461,
13.7702


 119.7328,
166.8595, 88.4266

 16.9399, 29.9213,
7.8241


 150.7538,
205.9509, 115.2729

 10.2867, 19.7788,
3.8964

186.7174,
250.7153, 147.0673

 5.6532, 12.2344,
1.5687

227.9889,
301.5373, 184.2286

 2.6740, 6.9035,
0.2683

274.9336,

 0.9838, 3.4018,

358.8013, 227.1752

0.0000

327.9170,
422.8915, 276.3256

0.0000, 1.3449,
0.0000

0.0000, 0.1756,
0.0000

52.6713, 79.7804,
33.3920

52.6713, 79.7804,
33.3920

47.6175, 77.3470,
25.3847

58.8343, 82.7366,
43.6611

43.6041, 75.4049,
19.4648

66.1677, 86.2440,
56.3413

40.5556, 73.9193,
15.4390

74.7291, 90.3293,
71.5735

38.3850, 72.8504,
13.0756

84.5720, 95.0172,
89.4867

■ 36.9764, 72.1461, 95.0500, 100.0000,
12.0199 108.9000

■ 36.9113, 72.1135,
11.9739

Harmonies

Analogous

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



66.1541, 79.7804, 20.7717



52.6713, 79.7804, 33.3920



45.9732, 79.7804, 64.7384

Triad

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



52.6713, 79.7804, 33.3920



67.6470, 79.7804, 230.3309



115.8462, 79.7804, 60.9924

Complementary

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



52.6713, 79.7804, 33.3920



59.1806, 40.0778, 99.2244

Split Complementary

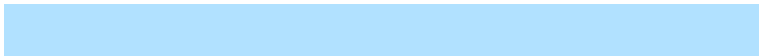
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



116.4240, 79.7804, 113.5389



52.6713, 79.7804, 33.3920



86.4038, 79.7804, 227.9532

Square

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



52.6713, 79.7804, 33.3920



53.6087, 79.7804, 184.7283



104.9390, 79.7804, 179.1583



103.4704, 79.7804, 31.6252

Rectangle

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



52.6713, 79.7804, 33.3920



45.4041, 79.7804, 98.7431



104.9390, 79.7804, 179.1583



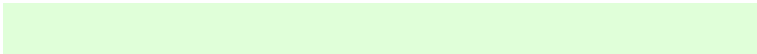
117.4889, 79.7804, 75.9840

Sweetspot

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



52.6716, 79.7805, 33.3932



78.9091, 92.3211, 79.1361



74.0313, 80.5024, 32.4068



16.4554, 19.5536, 16.1506



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

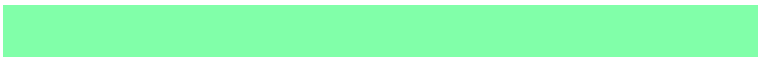
The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.6716, 79.7805, 33.3932



47.8040, 77.4370, 25.6710



51.9661, 79.0483, 50.0071



18.0807, 20.3275, 19.1150



19.3753, 37.7264, 6.2607



1.9659, 3.7142, 0.6133

Inverse Universe

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



59.1806, 40.0778, 99.2244



54.9051, 33.6506, 98.2091



61.3695, 41.8730, 69.2059



18.4484, 18.1229, 22.7757



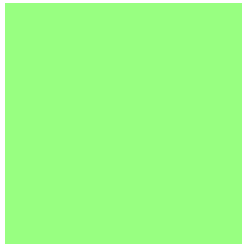
23.2084, 10.8748, 50.3104



2.3404, 1.1004, 4.9023

Previews

White Background



This preview shows how the XYZ color 52.6713, 79.7804, 33.3920 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 52.6713, 79.7804, 33.3920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

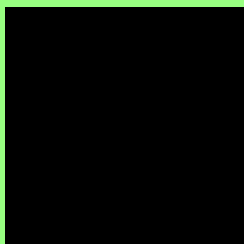
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

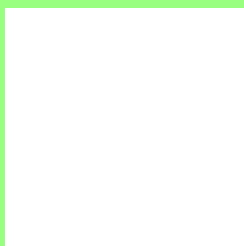
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6713, 79.7804, 33.3920

Background



This preview shows how black text looks on a background with the XYZ color 52.6713, 79.7804, 33.3920.



This preview shows how white text looks on a background with the XYZ color 52.6713, 79.7804,

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

52.6713, 79.7804, 33.3920

Protanopia

72.1950, 78.8323, 29.1804

Deuteranopia

77.2996, 78.3329, 60.3358



Tritanopia

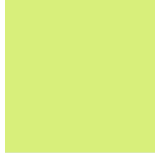
69.1662, 79.3921, 106.2865

Trichromacy



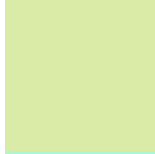
Original Color

52.6713, 79.7804, 33.3920



Protanomaly

62.7606, 77.7620, 30.4406



Deuteranomaly

65.6897, 77.1492, 48.4749



Tritanomaly

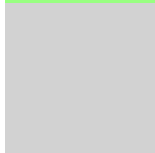
61.6166, 78.9069, 72.3046

Monochromacy



Original Color

52.6713, 79.7804, 33.3920



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

56.5231, 68.5477, 53.9680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6713, 79.7804, 33.3920 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(152, 255, 129)` looks like.

```
.text, #text, p{  
    color:rgb(152, 255, 129)  
}
```

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(152, 255, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 255, 129) }
```

Border

The CSS property to change the border of an element to XYZ 52.6713, 79.7804, 33.3920 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(152, 255, 129) }
```


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

```
.border{ border-color:rgb(152, 255, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 255, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 255, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 255, 129); box-shadow:4px 4px 4px 4px rgb(152, 255, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6713, 79.7804, 33.3920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 255, 129) }
```

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

```
.background{ background-color: rgb(152,  
255, 129) }
```

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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