

Converting Colors

XYZ(53.6485, 82.5707, 30.7943)

Have a look what the booklet for
XYZ(53.6485, 82.5707, 30.7943)
contains.

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Color

**XYZ(52.0991, 79.5515,
30.3784)**

Conversions

Conversions Part 1

Format	Color
Hex	98FF78
RGB	152, 255, 120
RGB Percent	60%, 100%, 47%
CMY	0.4039, 0.0000, 0.5294
CMYK	0.40, 0.00, 0.53, 0.00
HSL	106°, 100%, 74%
HSV	106°, 53%, 100%
XYZ	52.0991, 79.5515, 30.3784
YIQ	208.8130, -18.0530, -63.8210

Conversions

Conversions Part 2

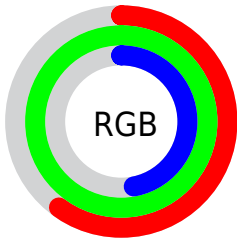
Format	Color
RYB	120, 255, 223
Decimal	10026872
CIELab	91.48, -54.09, 54.63
CIELCh	91, 76.878, 134.717
Yxy	79.5515, 0.3215, 0.4910
Android (android.graphics.Color)	4288216952 (0xFF98FF78)
YUV	208.8130, -43.7848, -49.8250
Hunter-Lab	89.1916, -51.8190, 42.2402

Details

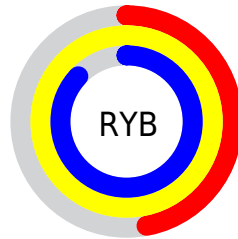
The XYZ color **52.0991, 79.5515, 30.3784** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **55.1994, 36.3424, 98.7132**, and the grayscale version is **60.7671, 63.9318, 69.6217**.

A 20% lighter version of the original color is **70.3618, 88.4640, 53.9242**, and **25.4638, 42.6530, 12.0450** is the 20% darker color. If you saturate the color by 10%, you get **47.4042, 77.2868, 23.1280**, and if you desaturate by 10%, it is **57.8040, 82.2892, 39.8290**.

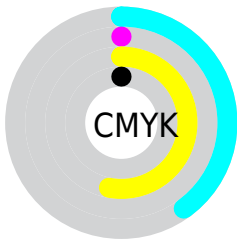
Distribution



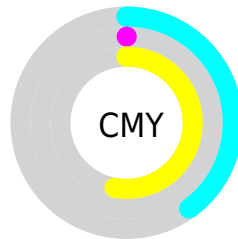
- Red (60%)
- Green (100%)
- Blue (47%)



- Red (47%)
- Yellow (100%)
- Blue (87%)



- Cyan (40%)
- Magenta (0%)
- Yellow (53%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.0991, 79.5515, 30.3784 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 52.0991, 79.5515, 30.3784 by changing the saturation by 10% instead.

 52.0991, 79.5515,
30.3784


 52.0991, 79.5515,
30.3784


385.1367,
493.4201, 317.9263


 37.3087, 59.3494,
19.8715


 92.4507, 132.7350,
61.3281

 25.6213, 42.8944,
12.1185


 118.7426,
166.4851, 82.6081

 16.6718, 29.8023,
6.7009


 149.5991,
205.5200, 108.3161

 10.0946, 19.6886,
3.2002

185.3854,
250.2241, 138.8707

 5.5245, 12.1689,
1.1977

226.4670,
300.9817, 174.6905

 2.5960, 6.8588,
0.0000

273.2092,

 0.9439, 3.3739,

358.1774, 216.1940

0.0000

325.9773,
422.1953, 263.7998

0.0000, 1.3299,
0.0000

0.0000, 0.1642,
0.0000

52.0991, 79.5515,
30.3784

52.0991, 79.5515,
30.3784

47.4042, 77.2868,
23.1280

57.8040, 82.2892,
39.8290

43.6557, 75.4663,
17.8964


64.5749, 85.5255,
51.6346


40.7838, 74.0584,
14.4794

72.4647, 89.2843,
65.9401

38.7069, 73.0265,
12.6279

81.5222, 93.5881,
82.8776

 37.6502, 72.4944,
12.0085

 91.7934, 98.4579,
102.5702

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.



66.4466, 79.5515, 18.5938



52.0991, 79.5515, 30.3784



44.8038, 79.5515, 61.1967

Triad

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



52.0991, 79.5515, 30.3784



66.1171, 79.5515, 237.7701



118.1727, 79.5515, 62.0174

Complementary

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



52.0991, 79.5515, 30.3784



55.1994, 36.3424, 98.7132

Split Complementary

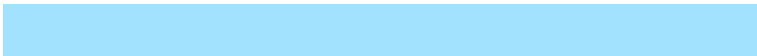
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



118.0430, 79.5515, 118.2540



52.0991, 79.5515, 30.3784



85.5823, 79.5515, 238.3116

Square

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



52.0991, 79.5515, 30.3784



51.8940, 79.5515, 186.7595



105.3078, 79.5515, 188.0208



105.6365, 79.5515, 30.7549

Rectangle

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



52.0991, 79.5515, 30.3784



43.9599, 79.5515, 95.7880



105.3078, 79.5515, 188.0208



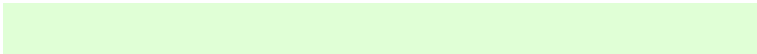
119.6704, 79.5515, 78.0529

Sweetspot

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



52.0994, 79.5516, 30.3796



78.6235, 92.2119, 77.4071



70.5532, 74.4617, 28.4245



16.4249, 19.5453, 15.8114



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.



52.0994, 79.5516, 30.3796



46.9630, 77.0732, 22.4808



49.3184, 77.8382, 42.8890



18.1745, 20.3759, 19.1194



19.7821, 37.9361, 6.2798



2.0181, 3.7411, 0.6157

Inverse Universe

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



55.1994, 36.3424, 98.7132



50.2729, 29.4872, 97.6497



61.0416, 39.9277, 73.0716



18.3471, 18.0707, 22.7709



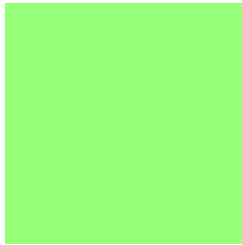
21.2714, 9.8763, 50.2198



2.1676, 1.0114, 4.8942

Previews

White Background



This preview shows how the XYZ color 52.0991, 79.5515, 30.3784 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 52.0991, 79.5515, 30.3784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

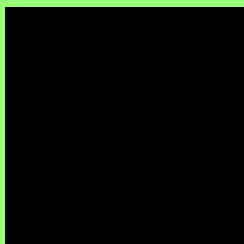
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

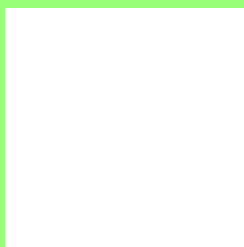
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0991, 79.5515, 30.3784

Background



This preview shows how black text looks on a background with the XYZ color 52.0991, 79.5515, 30.3784.

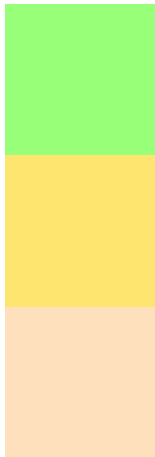


This preview shows how white text looks on a background with the XYZ color 52.0991, 79.5515,

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

52.0991, 79.5515, 30.3784

Protanopia

71.8170, 78.2793, 26.6535

Deuteranopia

77.0810, 78.2454, 59.1844



Tritanopia

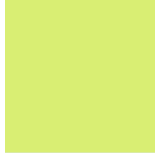
68.8742, 78.8082, 106.1892

Trichromacy



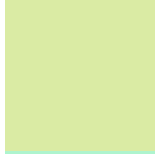
Original Color

52.0991, 79.5515, 30.3784



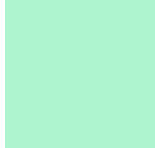
Protanomaly

62.2843, 77.1386, 27.8262



Deuteranomaly

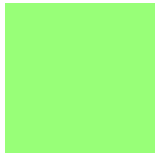
65.3226, 77.0024, 46.5420



Tritanomaly

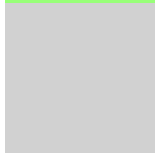
60.9468, 78.1563, 70.2660

Monochromacy



Original Color

52.0991, 79.5515, 30.3784



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

55.8712, 68.2584, 51.8254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0991, 79.5515, 30.3784 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(152, 255, 120)  
}
```

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, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 255, 120) }
```

Border

The CSS property to change the border of an element to XYZ 52.0991, 79.5515, 30.3784 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, 120) }
```


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

```
.border{ border-color:rgb(152, 255, 120) }
```

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, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 255, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 255, 120);  
box-shadow:4px 4px 4px 4px rgb(152, 255,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0991, 79.5515, 30.3784 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, 120) }
```

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

```
.background{ background-color: rgb(152,  
255, 120) }
```

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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