

Converting Colors

XYZ(56.2186, 87.3646, 35.3215)

Have a look what the booklet for
XYZ(56.2186, 87.3646, 35.3215)
contains.

XYZ(52.2512, 79.5483, 34.0732)	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(52.2512, 79.5483,
34.0732)**

Conversions

Conversions Part 1

Format	Color
Hex	95FF83
RGB	149, 255, 131
RGB Percent	58%, 100%, 51%
CMY	0.4157, 0.0000, 0.4863
CMYK	0.42, 0.00, 0.49, 0.00
HSL	111°, 100%, 76%
HSV	111°, 49%, 100%
XYZ	52.2512, 79.5483, 34.0732
YIQ	209.1700, -23.3720, -61.0360

Conversions

Conversions Part 2

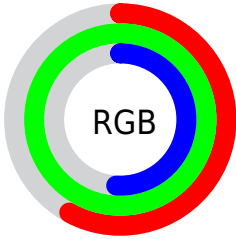
Format	Color
RYB	131, 255, 237
Decimal	9830275
CIELab	91.48, -53.69, 49.53
CIElCh	91, 73.045, 137.307
Yxy	79.5483, 0.3150, 0.4796
Android (android.graphics.Color)	4288020355 (0xFF95FF83)
YUV	209.1700, -38.5378, -52.7691
Hunter-Lab	89.1899, -51.5094, 39.7823

Details

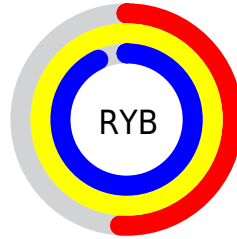
The XYZ color **52.2512, 79.5483, 34.0732** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **61.0928, 41.4586, 99.3901**, and the grayscale version is **60.9698, 64.1450, 69.8539**.

A 20% lighter version of the original color is **70.6354, 88.4751, 59.8089**, and **25.6558, 42.7067, 14.0987** is the 20% darker color. If you saturate the color by 10%, you get **47.1183, 77.0778, 25.8948**, and if you desaturate by 10%, it is **58.5544, 82.5728, 44.5285**.

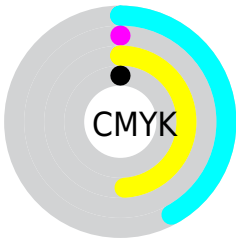
Distribution



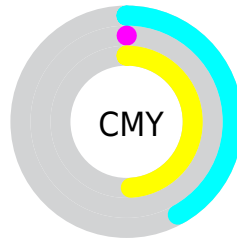
- Red (58%)
- Green (100%)
- Blue (51%)



- Red (51%)
- Yellow (100%)
- Blue (93%)



- Cyan (42%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)





- Cyan (42%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.2512, 79.5483, 34.0732 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 52.2512, 79.5483, 34.0732 by changing the saturation by 10% instead.


 52.2512, 79.5483,
34.0732

 52.2512, 79.5483,
34.0732


385.7137,
493.4093, 335.2374

 37.4304, 59.3467,
22.6720


 92.6736, 132.7305,
67.1827

 25.7161, 42.8923,
14.1485


 119.0060,
166.4799, 89.7281

 16.7430, 29.8006,
8.0841


 149.9063,
205.5140, 116.8253

 10.1456, 19.6873,
4.0603

185.7398,
250.2172, 148.8928

 5.5586, 12.1679,
1.6585

226.8720,
300.9740, 186.3493

 2.6167, 6.8582,
0.3320

273.6681,

 0.9545, 3.3736,

358.1686, 229.6132

0.0000

326.4935,
422.1856, 279.1030

0.0000, 1.3297,
0.0000

0.0000, 0.1640,
0.0000

52.2512, 79.5483,
34.0732

52.2512, 79.5483,
34.0732

47.1183, 77.0778,
25.8948

58.5544, 82.5728,
44.5285

43.0812, 75.1270,
19.8204

66.0939, 86.1823,
57.4092

40.0586, 73.6577,
15.6584

74.9318, 90.4057,
72.8555

37.9562, 72.6266,
13.1805

85.1257, 95.2699,
90.9958

■ 36.6545, 71.9789, 95.0500, 100.0000,
12.0620 108.9000

■ 36.5234, 71.9135,
11.9557

Harmonies

Analogous

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



65.4605, 79.5483, 21.0121



52.2512, 79.5483, 34.0732



45.8107, 79.5483, 66.0020

Triad

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



52.2512, 79.5483, 34.0732



68.0191, 79.5483, 229.8810



115.1496, 79.5483, 59.5786

Complementary

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



52.2512, 79.5483, 34.0732



61.0928, 41.4586, 99.3901

Split Complementary

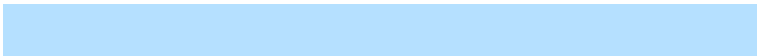
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



116.1387, 79.5483, 111.1256



52.2512, 79.5483, 34.0732



86.7540, 79.5483, 225.8147

Square

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



52.2512, 79.5483, 34.0732



53.8585, 79.5483, 185.8098



105.0575, 79.5483, 176.2805



102.5431, 79.5483, 31.0381

Rectangle

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



52.2512, 79.5483, 34.0732



45.3940, 79.5483, 100.3045



105.0575, 79.5483, 176.2805



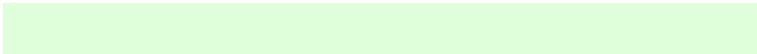
116.9174, 79.5483, 74.2306

Sweetspot

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



52.2515, 79.5484, 34.0744



78.4686, 92.0940, 79.1155



75.4479, 83.1206, 33.5413



16.3507, 19.4996, 16.1457



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

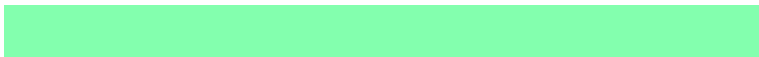
The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.2515, 79.5484, 34.0744



47.4067, 77.2169, 26.3433



52.7999, 79.4173, 52.7966



18.0168, 20.2946, 19.1120



19.1577, 37.6142, 6.2506



1.9352, 3.6984, 0.6119

Inverse Universe

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



61.0928, 41.4586, 99.3901



57.0968, 35.1698, 98.3869



61.1902, 42.2269, 66.9495



18.5183, 18.1589, 22.7790



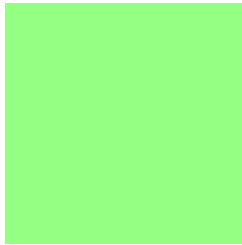
24.6366, 11.6111, 50.3773



2.4665, 1.1654, 4.9082

Previews

White Background



This preview shows how the XYZ color 52.2512, 79.5483, 34.0732 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 52.2512, 79.5483, 34.0732 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

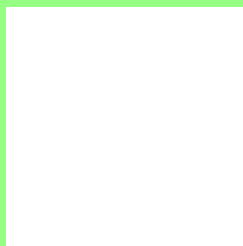
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.2512, 79.5483, 34.0732

Background



This preview shows how black text looks on a background with the XYZ color 52.2512, 79.5483, 34.0732.



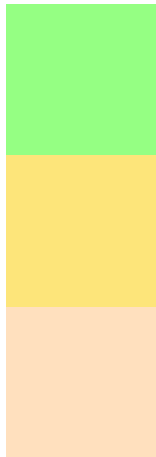
This preview shows how white text looks on a background with the XYZ color 52.2512, 79.5483,

34.0732.

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

52.2512, 79.5483, 34.0732

Protanopia

72.0402, 78.3264, 29.7339

Deuteranopia

77.1899, 78.2890, 59.7581



Tritanopia

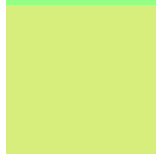
68.6837, 79.1434, 106.2639

Trichromacy



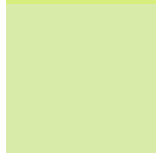
Original Color

52.2512, 79.5483, 34.0732



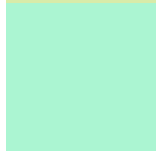
Protanomaly

62.3005, 77.0768, 30.9958



Deuteranomaly

65.1887, 76.8802, 48.9397



Tritanomaly

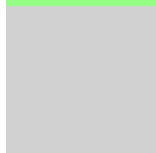
61.0799, 78.6159, 72.9279

Monochromacy



Original Color

52.2512, 79.5483, 34.0732



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

56.0304, 68.2937, 53.9450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2512, 79.5483, 34.0732 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(149, 255, 131)` looks like.

```
.text, #text, p{  
    color:rgb(149, 255, 131)  
}
```

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(149, 255, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 255, 131) }
```

Border

The CSS property to change the border of an element to XYZ 52.2512, 79.5483, 34.0732 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(149, 255, 131) }
```


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

```
.border{ border-color:rgb(149, 255, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 255, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 255, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 255, 131);  
box-shadow:4px 4px 4px 4px rgb(149, 255,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2512, 79.5483, 34.0732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 255, 131) }
```

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

```
.background{ background-color: rgb(149,  
255, 131) }
```

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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