

Converting Colors

XYZ(52.5184, 79.7130, 32.8681)

Have a look what the booklet for
XYZ(52.5184, 79.7130, 32.8681)
contains.

XYZ(52.6052, 79.7539, 33.0435)	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(52.6052, 79.7539,
33.0435)**

Conversions

Conversions Part 1

Format	Color
Hex	98FF80
RGB	152, 255, 128
RGB Percent	60%, 100%, 50%
CMY	0.4039, 0.0000, 0.4980
CMYK	0.40, 0.00, 0.50, 0.00
HSL	109°, 100%, 75%
HSV	109°, 50%, 100%
XYZ	52.6052, 79.7539, 33.0435
YIQ	209.7250, -20.6210, -61.3330

Conversions

Conversions Part 2

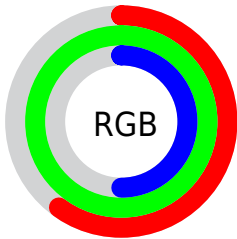
Format	Color
RYB	128, 255, 231
Decimal	10026880
CIELab	91.57, -53.16, 51.07
CIELCh	92, 73.720, 136.150
Yxy	79.7539, 0.3180, 0.4822
Android (android.graphics.Color)	4288216960 (0xFF98FF80)
YUV	209.7250, -40.2904, -50.6248
Hunter-Lab	89.3050, -51.1383, 40.5758

Details

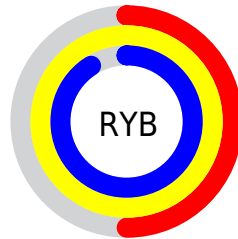
The XYZ color **52.6052, 79.7539, 33.0435** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **58.7255, 39.6486, 99.1655**, and the grayscale version is **61.3435, 64.5382, 70.2821**.

A 20% lighter version of the original color is **71.1712, 88.7878, 58.1864**, and **25.8523, 42.8202, 13.5592** is the 20% darker color. If you saturate the color by 10%, you get **47.5929, 77.3402, 25.1214**, and if you desaturate by 10%, it is **58.7148, 82.6846, 43.2206**.

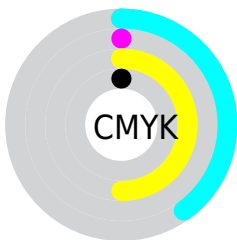
Distribution



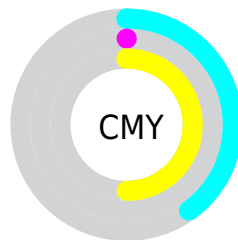
- Red (60%)
- Green (100%)
- Blue (50%)



- Red (50%)
- Yellow (100%)
- Blue (91%)



- Cyan (40%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)





- Cyan (40%)
- Magenta (0%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6052, 79.7539, 33.0435 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 52.6052, 79.7539, 33.0435 by changing the saturation by 10% instead.


 52.6052, 79.7539,
33.0435


 52.6052, 79.7539,
33.0435


387.0543,
494.1031, 330.4837


 37.7139, 59.5159,
21.8884


 93.1921, 133.0197,
65.5602

 25.9369, 43.0285,
13.5774


 119.6185,
166.8162, 87.7589

 16.9089, 29.9075,
7.6919


 150.6205,
205.9010, 114.4759

 10.2645, 19.7684,
3.8135

186.5637,
250.6585, 146.1297

 5.6383, 12.2268,
1.5236

227.8133,
301.4730, 183.1388

 2.6649, 6.8983,
0.2354

274.7347,

 0.9792, 3.3986,

358.7291, 225.9218

0.0000

327.6932,
422.8109, 274.8973

0.0000, 1.3432,
0.0000

0.0000, 0.1743,
0.0000

52.6052, 79.7539,
33.0435

52.6052, 79.7539,
33.0435

47.5929, 77.3402,
25.1214

58.7148, 82.6846,
43.2206

43.6097, 75.4119,
19.2793

65.9822, 86.1601,
55.8026

40.5809, 73.9349,
15.3225

74.4644, 90.2068,
70.9308

38.4203, 72.8699,
13.0178

84.2142, 94.8491,
88.7346

■ 37.0099, 72.1640,
11.9929

95.0500, 100.0000,
108.9000

■ 36.9877, 72.1529,
11.9775

Harmonies

Analogous

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



66.1852, 79.7539, 20.5179



52.6052, 79.7539, 33.0435



45.8394, 79.7539, 64.3348

Triad

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



52.6052, 79.7539, 33.0435



67.4739, 79.7539, 231.1635



116.1059, 79.7539, 61.1037

Complementary

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



52.6052, 79.7539, 33.0435



58.7255, 39.6486, 99.1655

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.



116.6057, 79.7539, 114.0590



52.6052, 79.7539, 33.0435



86.3117, 79.7539, 229.1036

Square

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



52.6052, 79.7539, 33.0435



53.4136, 79.7539, 184.9607



104.9811, 79.7539, 180.1384



103.7114, 79.7539, 31.5243

Rectangle

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



52.6052, 79.7539, 33.0435



45.2392, 79.7539, 98.4104



104.9811, 79.7539, 180.1384



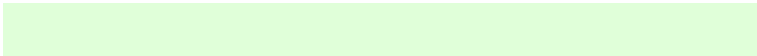
117.7328, 79.7539, 76.2112

Sweetspot

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



52.6055, 79.7541, 33.0447



78.9855, 92.3605, 79.1397



73.3223, 79.1902, 31.8440



16.4736, 19.5629, 16.1514



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

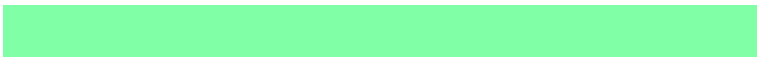
The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.6055, 79.7541, 33.0447



47.5046, 77.2975, 24.9865



51.5549, 78.8664, 48.6312



18.0918, 20.3332, 19.1155



19.4178, 37.7483, 6.2627



1.9716, 3.7172, 0.6136

Inverse Universe

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



58.7255, 39.6486, 99.1655



54.1933, 32.9059, 98.1029



61.4711, 41.7038, 70.3879



18.4364, 18.1167, 22.7751



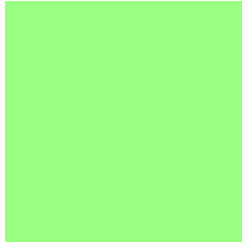
22.9704, 10.7522, 50.2993



2.3193, 1.0896, 4.9013

Previews

White Background



This preview shows how the XYZ color 52.6052, 79.7539, 33.0435 looks on a white background.

Color Contrast Check

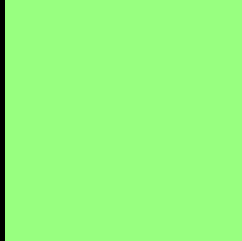
Large Text (above 18pt) WCAG AA × Fail

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 52.6052, 79.7539, 33.0435 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

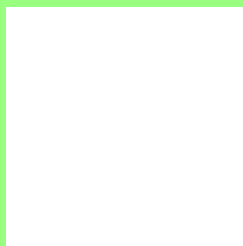
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.6052, 79.7539, 33.0435

Background



This preview shows how black text looks on a background with the XYZ color 52.6052, 79.7539, 33.0435.

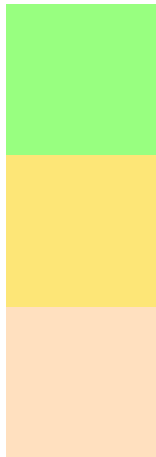


This preview shows how white text looks on a background with the XYZ color 52.6052, 79.7539,

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

52.6052, 79.7539, 33.0435

Protanopia

72.1346, 78.8082, 28.8624

Deuteranopia

77.2996, 78.3329, 60.3358



Tritanopia

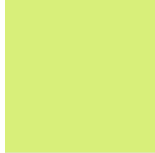
69.1662, 79.3921, 106.2865

Trichromacy



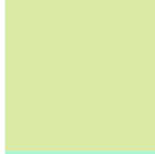
Original Color

52.6052, 79.7539, 33.0435



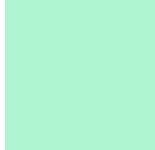
Protanomaly

62.6983, 77.7371, 30.1126



Deuteranomaly

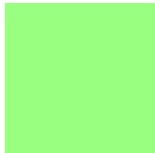
65.6897, 77.1492, 48.4749



Tritanomaly

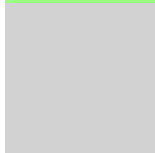
61.6166, 78.9069, 72.3046

Monochromacy



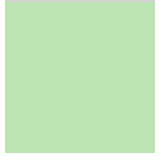
Original Color

52.6052, 79.7539, 33.0435



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

56.4208, 68.5068, 53.4295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6052, 79.7539, 33.0435 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(152, 255, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 255, 128) }
```

Border

The CSS property to change the border of an element to XYZ 52.6052, 79.7539, 33.0435 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, 128) }
```


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

```
.border{ border-color:rgb(152, 255, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 255, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 255, 128);  
box-shadow:4px 4px 4px 4px rgb(152, 255,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6052, 79.7539, 33.0435 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, 128) }
```

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

```
.background{ background-color: rgb(152,  
255, 128) }
```

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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