

Converting Colors

XYZ(60.7841, 95.3907, 56.3172)

Have a look what the booklet for
XYZ(60.7841, 95.3907, 56.3172)
contains.

XYZ(52.8024, 79.4004, 53.6171)	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(52.8024, 79.4004,
53.6171)**

Conversions

Conversions Part 1

Format	Color
Hex	82FFB0
RGB	130, 255, 176
RGB Percent	51%, 100%, 69%
CMY	0.4902, 0.0000, 0.3098
CMYK	0.49, 0.00, 0.31, 0.00
HSL	142°, 100%, 75%
HSV	142°, 49%, 100%
XYZ	52.8024, 79.4004, 53.6171
YIQ	208.6190, -49.1410, -51.0690

Conversions

Conversions Part 2

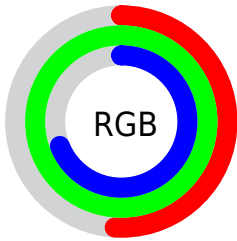
Format	Color
RYB	130, 221, 255
Decimal	8585136
CIELab	91.42, -51.96, 27.26
CIELCh	91, 58.683, 152.316
Yxy	79.4004, 0.2842, 0.4273
Android (android.graphics.Color)	4286775216 (0xFF82FFB0)
YUV	208.6190, -16.0812, -68.9489
Hunter-Lab	89.1069, -50.1627, 26.6991

Details

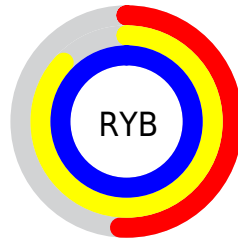
The XYZ color **52.8024, 79.4004, 53.6171** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **60.7316, 41.8293, 65.1945**, and the grayscale version is **60.4804, 63.6301, 69.2931**.

A 20% lighter version of the original color is **71.3118, 88.1650, 89.6030**, and **25.9956, 42.6278, 25.5968** is the 20% darker color. If you saturate the color by 10%, you get **47.8627, 77.0273, 45.5509**, and if you desaturate by 10%, it is **58.9017, 82.3494, 62.7285**.

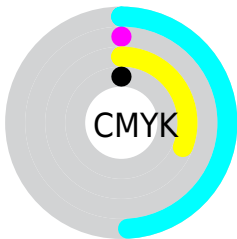
Distribution



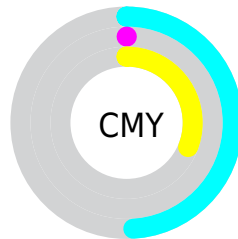
- Red (51%)
- Green (100%)
- Blue (69%)



- Red (51%)
- Yellow (87%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)





- Cyan (49%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8024, 79.4004, 53.6171 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 52.8024, 79.4004, 53.6171 by changing the saturation by 10% instead.


 52.8024, 79.4004,
53.6171


 52.8024, 79.4004,
53.6171


387.7998,
492.9098, 417.7815


 37.8719, 59.2251,
37.9045


 93.4808, 132.5224,
96.9625

 26.0600, 42.7943,
25.6073


 119.9594,
166.2378, 125.4325

 17.0015, 29.7238,
16.3070


 151.0180,
205.2355, 158.9920

 10.3309, 19.6290,
9.5850

187.0221,
249.8996, 198.0595

 5.6828, 12.1257,
5.0227

228.3370,
300.6148, 243.0537

 2.6920, 6.8293,
2.2016

275.3280,

 0.9931, 3.3556,

357.7653, 294.3931

0.6753

328.3605,
421.7355, 352.4962

■ 0.0000, 1.3201,
0.0000

■ 0.0000, 0.1567,
0.0000

■ 52.8024, 79.4004,
53.6171

■ 52.8024, 79.4004,
53.6171

■ 47.8627, 77.0273,
45.5509

■ 58.9017, 82.3494,
62.7285

■ 44.0012, 75.1890,
38.4876

■ 66.2306, 85.9096,
72.9171

■ 41.1284, 73.8400,
32.3881

■ 74.8554, 90.1147,
84.2186

■ 39.1380, 72.9265,
27.2085

■ 84.8369, 94.9952,
96.6658

■ 37.8762, 72.3701, 95.0500, 100.0000,
22.9002 108.9000

■ 37.7733, 72.3253,
22.5218

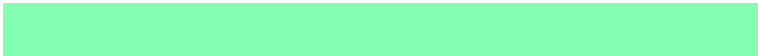
Harmonies

Analogous

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



61.1433, 79.4004, 33.9388



52.8024, 79.4004, 53.6171



50.2734, 79.4004, 89.8171

Triad

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



52.8024, 79.4004, 53.6171



76.6332, 79.4004, 197.3101



102.4091, 79.4004, 49.5419

Complementary

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



52.8024, 79.4004, 53.6171



60.7316, 41.8293, 65.1945

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.



107.9242, 79.4004, 83.1750



52.8024, 79.4004, 53.6171



91.8709, 79.4004, 176.1654

Square

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



52.8024, 79.4004, 53.6171



62.9055, 79.4004, 181.5571



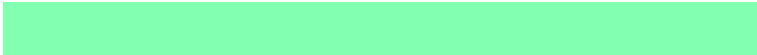
103.8370, 79.4004, 130.5316



89.6000, 79.4004, 32.1893

Rectangle

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



52.8024, 79.4004, 53.6171



51.9123, 79.4004, 121.5642



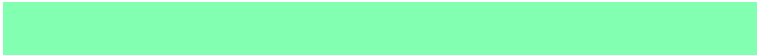
103.8370, 79.4004, 130.5316



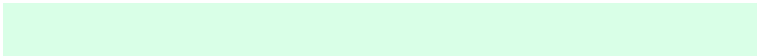
105.2484, 79.4004, 58.8520

Sweetspot

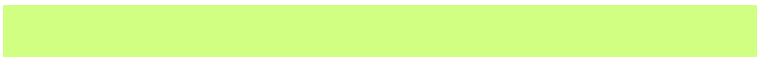
The Sweet Spot groups the original color and five complimentary colors.



52.8030, 79.4007, 53.6184



78.7003, 91.9931, 89.0812



66.1313, 86.7115, 34.3714



16.4075, 19.4765, 18.5161



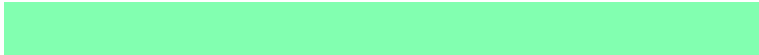
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



52.8030, 79.4007, 53.6184



47.8709, 77.0312, 45.5650



60.4480, 82.4587, 93.8763



18.0479, 20.2787, 20.5552



19.8029, 37.8178, 12.1135



1.9786, 3.7024, 1.4454

Inverse Universe

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



60.7316, 41.8293, 65.1945



56.6284, 35.4247, 58.2722



54.4634, 39.3221, 32.1870



18.4925, 18.1803, 21.2104



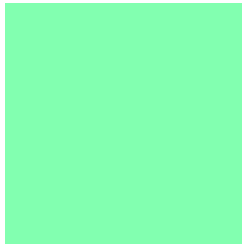
24.9919, 12.4861, 19.1398



2.4861, 1.2368, 2.1411

Previews

White Background



This preview shows how the XYZ color 52.8024, 79.4004, 53.6171 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 52.8024, 79.4004, 53.6171 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 52.8024, 79.4004, 53.6171

Background



This preview shows how black text looks on a background with the XYZ color 52.8024, 79.4004, 53.6171.

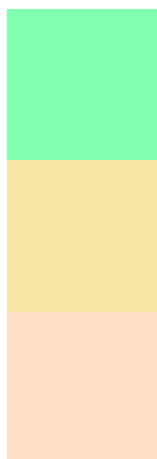


This preview shows how white text looks on a background with the XYZ color 52.8024, 79.4004,

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

52.8024, 79.4004, 53.6171

Protanopia

72.7262, 78.3118, 46.4046

Deuteranopia

78.0530, 78.2055, 65.6249



Tritanopia

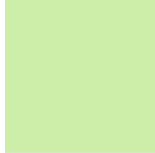
67.1146, 78.7703, 106.2746

Trichromacy



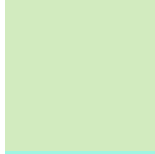
Original Color

52.8024, 79.4004, 53.6171



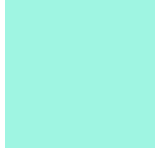
Protanomaly

62.5443, 76.8136, 48.5759



Deuteranomaly

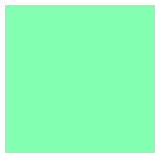
65.6906, 76.8799, 60.6673



Tritanomaly

60.6780, 78.1667, 83.8411

Monochromacy



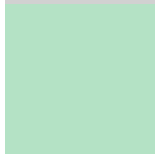
Original Color

52.8024, 79.4004, 53.6171



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

56.0968, 68.1272, 63.0166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8024, 79.4004, 53.6171 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(130, 255, 176)` looks like.

```
.text, #text, p{  
    color:rgb(130, 255, 176)  
}
```

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(130, 255, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 255, 176) }
```

Border

The CSS property to change the border of an element to XYZ 52.8024, 79.4004, 53.6171 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(130, 255, 176) }
```


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

```
.border{ border-color:rgb(130, 255, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 255, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 255, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 255, 176);  
box-shadow:4px 4px 4px 4px rgb(130, 255,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8024, 79.4004, 53.6171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 255, 176) }
```

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

```
.background{ background-color: rgb(130,  
255, 176) }
```

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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