

Converting Colors

XYZ(54.4531, 79.7545, 76.1425)

Have a look what the booklet for
XYZ(54.4531, 79.7545, 76.1425)
contains.

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Color

**XYZ(54.4531, 79.7545,
76.1425)**

Conversions

Conversions Part 1

Format	Color
Hex	6FFFD6
RGB	111, 255, 214
RGB Percent	44%, 100%, 84%
CMY	0.5647, 0.0000, 0.1608
CMYK	0.56, 0.00, 0.16, 0.00
HSL	163°, 100%, 72%
HSV	163°, 56%, 100%
XYZ	54.4531, 79.7545, 76.1425
YIQ	207.2700, -72.6630, -43.2790

Conversions

Conversions Part 2

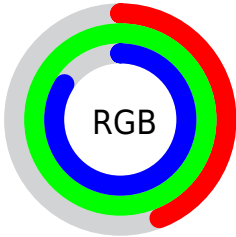
Format	Color
RYB	111, 195, 255
Decimal	7339990
CIELab	91.57, -48.41, 7.95
CIELCh	92, 49.061, 170.673
Yxy	79.7545, 0.2589, 0.3792
Android (android.graphics.Color)	4285530070 (0xFF6FFFD6)
YUV	207.2700, 3.3179, -84.4288
Hunter-Lab	89.3054, -47.4457, 11.9626

Details

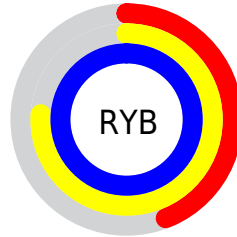
The XYZ color **54.4531, 79.7545, 76.1425** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **52.5926, 34.8969, 33.6707**, and the grayscale version is **59.4954, 62.5938, 68.1646**.

A 20% lighter version of the original color is **71.0436, 87.6242, 107.7765**, and **26.9518, 42.8108, 39.6437** is the 20% darker color. If you saturate the color by 10%, you get **50.7832, 77.9674, 71.2387**, and if you desaturate by 10%, it is **59.0816, 82.0310, 81.3096**.

Distribution



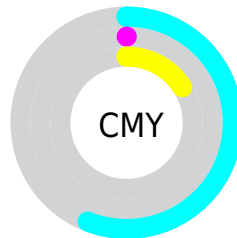
- Red (44%)
- Green (100%)
- Blue (84%)



- Red (44%)
- Yellow (76%)
- Blue (100%)



- Cyan (56%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (56%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4531, 79.7545, 76.1425 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 54.4531, 79.7545, 76.1425 by changing the saturation by 10% instead.


 54.4531, 79.7545,
76.1425


 54.4531, 79.7545,
76.1425


394.0057,
494.1051, 501.1952


 39.1961, 59.5164,
56.0420


 95.8922, 133.0205,
129.6903

 27.0938, 43.0289,
39.8324


 122.8050,
166.8172, 163.9746

 17.7806, 29.9078,
27.0951


 154.3339,
205.9021, 203.8240

 10.8913, 19.7686,
17.4116

190.8441,
250.6598, 249.6569

 6.0605, 12.2270,
10.3633

232.7010,
301.4745, 301.8920

 2.9229, 6.8984,
5.5318

280.2700,

 1.1131, 3.3987,

358.7307, 360.9477

2.4984

333.9165,
422.8128, 427.2425

■ 0.0361, 1.3432,
0.8393

■ 0.0000, 0.1743,
0.0000

■ 54.4531, 79.7545,
76.1425

■ 54.4531, 79.7545,
76.1425

■ 50.7832, 77.9674,
71.2387

■ 59.0816, 82.0310,
81.3096

■ 47.9886, 76.6267,
66.5876


■ 64.7375, 84.8324,
86.7420

■ 45.9754, 75.6843,
62.1831

■ 71.4859, 88.1921,
92.4466

■ 44.6255, 75.0792,
58.0170

■ 79.3861, 92.1405,
98.4290

 44.2446, 74.9138,
56.5994

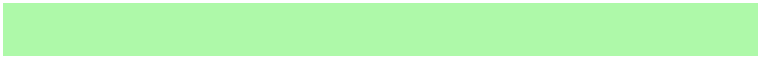
 88.4925, 96.7058,
104.6942

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.



58.6731, 79.7545, 50.0785



54.4531, 79.7545, 76.1425



55.4466, 79.7545, 113.5099

Triad

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



54.4531, 79.7545, 76.1425



84.6202, 79.7545, 168.5870



92.0989, 79.7545, 43.6962

Complementary

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



54.4531, 79.7545, 76.1425



52.5926, 34.8969, 33.6707

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.



100.6192, 79.7545, 64.7120



54.4531, 79.7545, 76.1425



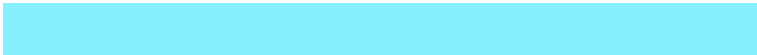
95.9822, 79.7545, 138.2422

Square

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



54.4531, 79.7545, 76.1425



71.9710, 79.7545, 174.1342



102.1136, 79.7545, 98.4933



79.7713, 79.7545, 35.0436

Rectangle

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



54.4531, 79.7545, 76.1425



58.9799, 79.7545, 139.9397



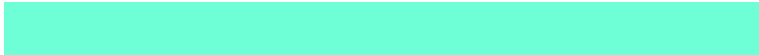
102.1136, 79.7545, 98.4933



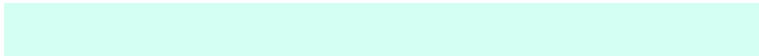
95.5577, 79.7545, 49.2243

Sweetspot

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



54.4540, 79.7549, 76.1439



78.9366, 91.9155, 98.1042



51.9946, 79.5578, 27.6560



16.5383, 19.4949, 20.7369



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.



54.4540, 79.7549, 76.1439



50.3007, 77.7342, 70.5103



51.8571, 65.1018, 104.4405



18.3214, 20.3881, 21.9953



23.1862, 39.1711, 29.9297



2.3046, 3.8328, 3.1619

Inverse Universe

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



52.5926, 34.8969, 33.6707



48.3219, 28.8723, 24.4881



53.4589, 41.1066, 20.1570



18.2220, 18.0721, 19.7861



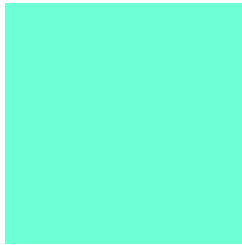
22.2253, 11.3794, 4.5710



2.2085, 1.1258, 0.6796

Previews

White Background



This preview shows how the XYZ color 54.4531, 79.7545, 76.1425 looks on a white background.

Color Contrast Check

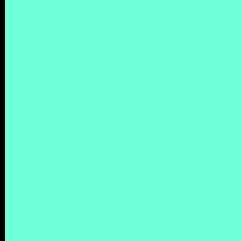
Large Text (above 18pt) WCAG AA × Fail

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 54.4531, 79.7545, 76.1425 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 54.4531, 79.7545, 76.1425

Background



This preview shows how black text looks on a background with the XYZ color 54.4531, 79.7545, 76.1425.

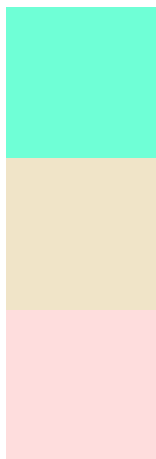


This preview shows how white text looks on a background with the XYZ color 54.4531, 79.7545,

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

54.4531, 79.7545, 76.1425

Protanopia

74.1039, 78.1822, 65.8286

Deuteranopia

79.7806, 78.0042, 79.2580



Tritanopia

66.5186, 78.9012, 106.3313

Trichromacy



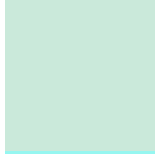
Original Color

54.4531, 79.7545, 76.1425



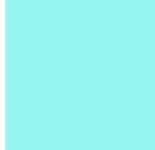
Protanomaly

63.5863, 76.8943, 69.2483



Deuteranomaly

66.1509, 75.8963, 77.4926



Tritanomaly

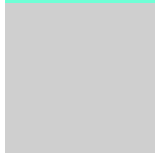
61.2616, 78.6868, 94.3973

Monochromacy



Original Color

54.4531, 79.7545, 76.1425



Achromatopsia

59.3074, 62.3960, 67.9493



Achromatomaly

55.3018, 66.7351, 70.9392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4531, 79.7545, 76.1425 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(111, 255, 214)` looks like.

```
.text, #text, p{  
    color:rgb(111, 255, 214)  
}
```

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(111, 255, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 255, 214) }
```

Border

The CSS property to change the border of an element to XYZ 54.4531, 79.7545, 76.1425 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(111, 255, 214) }
```


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

```
.border{ border-color:rgb(111, 255, 214) }
```

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

Here you see how a box with a 4 pixel rgb(111, 255, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 255, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 255, 214);  
box-shadow:4px 4px 4px 4px rgb(111, 255,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4531, 79.7545, 76.1425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 255, 214) }
```

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

```
.background{ background-color: rgb(111,  
255, 214) }
```

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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