

Converting Colors

XYZ(52.8011, 79.1494, 64.9281)

Have a look what the booklet for
XYZ(52.8011, 79.1494, 64.9281)
contains.

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Color

**XYZ(52.7940, 79.1504,
64.7196)**

Conversions

Conversions Part 1

Format	Color
Hex	73FFC4
RGB	115, 255, 196
RGB Percent	45%, 100%, 77%
CMY	0.5490, 0.0000, 0.2314
CMYK	0.55, 0.00, 0.23, 0.00
HSL	155°, 100%, 73%
HSV	155°, 55%, 100%
XYZ	52.7940, 79.1504, 64.7196
YIQ	206.4140, -64.5010, -48.0290

Conversions

Conversions Part 2

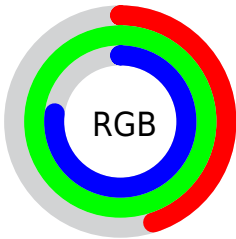
Format	Color
RYB	115, 204, 255
Decimal	7602116
CIELab	91.30, -51.50, 16.84
CIELCh	91, 54.185, 161.889
Yxy	79.1504, 0.2684, 0.4025
Android (android.graphics.Color)	4285792196 (0xFF73FFC4)
YUV	206.4140, -5.1341, -80.1701
Hunter-Lab	88.9665, -49.7669, 19.1454

Details

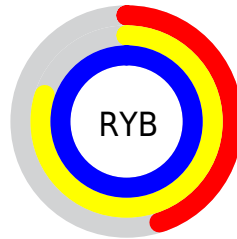
The XYZ color **52.7940, 79.1504, 64.7196** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **55.0111, 36.5782, 44.2056**, and the grayscale version is **58.9931, 62.0653, 67.5891**.

A 20% lighter version of the original color is **71.3941, 87.8420, 106.1208**, and **25.9755, 42.4663, 32.4190** is the 20% darker color. If you saturate the color by 10%, you get **48.7123, 77.1824, 58.3711**, and if you desaturate by 10%, it is **57.8919, 81.6319, 71.5757**.

Distribution



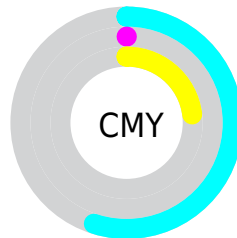
- Red (45%)
- Green (100%)
- Blue (77%)



- Red (45%)
- Yellow (80%)
- Blue (100%)



- Cyan (55%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)





- Cyan (55%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.7940, 79.1504, 64.7196 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 52.7940, 79.1504, 64.7196 by changing the saturation by 10% instead.


 52.7940, 79.1504,
64.7196

 52.7940, 79.1504,
64.7196


387.7681,
492.0650, 460.0622


 37.8652, 59.0195,
46.7838


 93.4685, 132.1706,
113.2560

 26.0548, 42.6288,
32.5117


 119.9448,
165.8286, 144.6938

 16.9975, 29.5940,
21.4846


 151.0011,
204.7645, 181.4694

 10.3280, 19.5306,
13.2840

187.0026,
249.3626, 224.0012

 5.6809, 12.0543,
7.4914

228.3147,
300.0073, 272.7078

 2.6908, 6.7807,
3.6882

275.3027,

 0.9925, 3.3253,

357.0830, 328.0079

1.4559

328.3321,
420.9741, 390.3198

0.0000, 1.3038,
0.1847

0.0000, 0.1442,
0.0000

52.7940, 79.1504,
64.7196

52.7940, 79.1504,
64.7196

48.7123, 77.1824,
58.3711

57.8919, 81.6319,
71.5757

45.5643, 75.6860,
52.5128

64.0754, 84.6629,
78.9480

43.2575, 74.6135,
47.1320

71.4096, 88.2765,
86.8497

41.6772, 73.9061,
42.2132

79.9542, 92.5034,
95.2924

■ 41.0688, 73.6435,
39.8755

■ 89.7644, 97.3718,
104.2871

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.



58.9211, 79.1504, 41.2071



52.7940, 79.1504, 64.7196



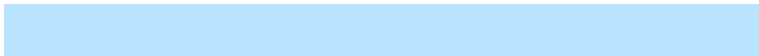
52.2095, 79.1504, 102.7412

Triad

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



52.7940, 79.1504, 64.7196



80.8096, 79.1504, 183.5467



96.6802, 79.1504, 44.8645

Complementary

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



52.7940, 79.1504, 64.7196



55.0111, 36.5782, 44.2056

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.



104.1830, 79.1504, 71.5039



52.7940, 79.1504, 64.7196



94.3009, 79.1504, 155.7379

Square

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



52.7940, 79.1504, 64.7196



67.3063, 79.1504, 180.0473



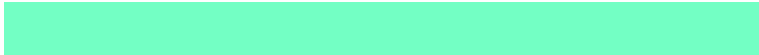
103.2627, 79.1504, 111.9296



83.7525, 79.1504, 32.3855

Rectangle

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



52.7940, 79.1504, 64.7196



54.9392, 79.1504, 132.6922



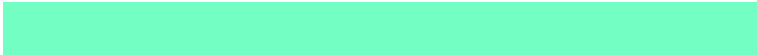
103.2627, 79.1504, 111.9296



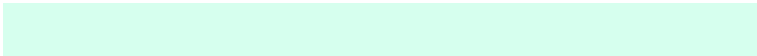
99.9873, 79.1504, 52.0489

Sweetspot

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



52.7947, 79.1507, 64.7209



78.9541, 92.0079, 94.3375



56.6843, 81.9494, 29.0508



16.5073, 19.4993, 19.8132



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.



52.7947, 79.1507, 64.7209



48.3221, 76.9957, 57.7033



57.9751, 76.5741, 106.3324



18.2122, 20.3444, 21.4206



21.5355, 38.5108, 21.2373



2.1514, 3.7715, 2.3553

Inverse Universe

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



55.0111, 36.5782, 44.2056



50.7633, 30.4836, 35.3873



51.5845, 36.9976, 20.6430



18.3270, 18.1141, 20.3389



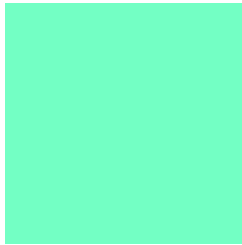
23.0189, 11.6969, 8.7500



2.2944, 1.1601, 1.1318

Previews

White Background



This preview shows how the XYZ color 52.7940, 79.1504, 64.7196 looks on a white background.

Color Contrast Check

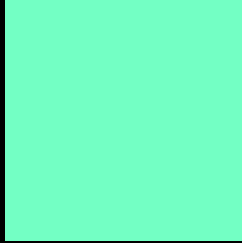
Large Text (above 18pt) WCAG AA × Fail

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 52.7940, 79.1504, 64.7196 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 52.7940, 79.1504, 64.7196

Background



This preview shows how black text looks on a background with the XYZ color 52.7940, 79.1504, 64.7196.

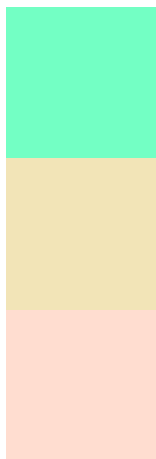


This preview shows how white text looks on a background with the XYZ color 52.7940, 79.1504,

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

52.7940, 79.1504, 64.7196

Protanopia

72.9086, 77.7829, 55.9707

Deuteranopia

78.4816, 77.5270, 70.5023



Tritanopia

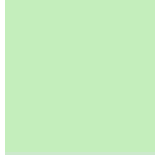
66.2999, 78.7885, 106.3211

Trichromacy



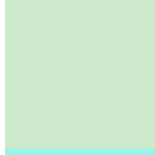
Original Color

52.7940, 79.1504, 64.7196



Protanomaly

62.4166, 76.5157, 59.0563



Deuteranomaly

64.9398, 75.4748, 68.2721



Tritanomaly

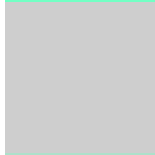
60.5695, 78.4314, 89.7883

Monochromacy



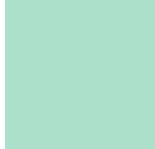
Original Color

52.7940, 79.1504, 64.7196



Achromatopsia

58.6655, 61.7207, 67.2138



Achromatomaly

54.5499, 66.4598, 65.8301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7940, 79.1504, 64.7196 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(115, 255, 196)` looks like.

```
.text, #text, p{  
    color:rgb(115, 255, 196)  
}
```

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(115, 255, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 255, 196) }
```

Border

The CSS property to change the border of an element to XYZ 52.7940, 79.1504, 64.7196 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(115, 255, 196) }
```


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

```
.border{ border-color:rgb(115, 255, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 255, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 255, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 255, 196);  
box-shadow:4px 4px 4px 4px rgb(115, 255,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7940, 79.1504, 64.7196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 255, 196) }
```

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

```
.background{ background-color: rgb(115,  
255, 196) }
```

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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