

Converting Colors

XYZ(52.5492, 74.9059, 82.5514)

Have a look what the booklet for
XYZ(52.5492, 74.9059, 82.5514)
contains.

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Color

**XYZ(52.5410, 74.9066,
82.2102)**

Conversions

Conversions Part 1

Format	Color
Hex	69F7E0
RGB	105, 247, 224
RGB Percent	41%, 97%, 88%
CMY	0.5882, 0.0314, 0.1216
CMYK	0.57, 0.00, 0.09, 0.03
HSL	170°, 90%, 69%
HSV	170°, 57%, 97%
XYZ	52.5410, 74.9066, 82.2102
YIQ	201.9200, -77.2490, -37.2570

Conversions

Conversions Part 2

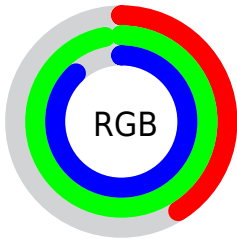
Format	Color
RYB	105, 182, 247
Decimal	6944736
CIELab	89.35, -43.74, -0.48
CIELCh	89, 43.742, 180.630
Yxy	74.9066, 0.2506, 0.3573
Android (android.graphics.Color)	4285134816 (0xFF69F7E0)
YUV	201.9200, 10.8854, -84.9988
Hunter-Lab	86.5486, -43.0982, 4.2660

Details

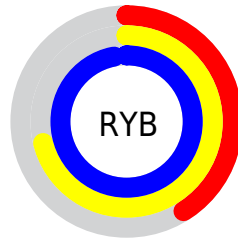
The XYZ color **52.5410, 74.9066, 82.2102** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **47.3082, 31.4379, 23.9995**, and the grayscale version is **56.0599, 58.9794, 64.2286**.

A 20% lighter version of the original color is **69.7463, 86.9555, 107.7158**, and **25.9282, 39.8736, 43.8659** is the 20% darker color. If you saturate the color by 10%, you get **49.5144, 73.4101, 79.2704**, and if you desaturate by 10%, it is **56.4269, 76.8482, 85.2602**.

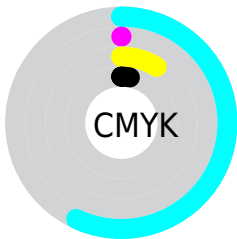
Distribution



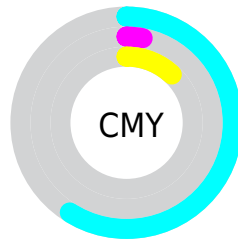
- Red (41%)
- Green (97%)
- Blue (88%)



- Red (41%)
- Yellow (71%)
- Blue (97%)



- Cyan (57%)
- Magenta (0%)
- Yellow (9%)
- Black (3%)





- Cyan (59%)
- Magenta (3%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5410, 74.9066, 82.2102 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 52.5410, 74.9066, 82.2102 by changing the saturation by 10% instead.


 52.5410, 74.9066,
82.2102

 52.5410, 74.9066,
82.2102


386.8114,
477.5965, 522.2524


 37.6625, 55.5364,
61.0020


 93.0981, 126.1801,
138.3081

 25.8969, 39.8313,
43.7962


 119.5074,
158.8522, 174.0348

 16.8788, 27.4071,
30.1743


 150.4911,
196.7271, 215.4381

 10.2429, 17.8792,
19.7178

186.4144,
240.1891, 262.9366

 5.6238, 10.8633,
12.0080

227.6427,
289.6227, 316.9487

 2.6562, 5.9750,
6.6265

274.5414,

 0.9747, 2.8299,

345.4121, 377.8930

3.1548

327.4758,
407.9419, 446.1881

■ 0.0000, 1.0436,
1.1742

■ 0.0000, 0.0000,
0.0000

■ 52.5410, 74.9066,
82.2102

■ 52.5410, 74.9066,
82.2102

■ 49.5144, 73.4101,
79.2704

■ 56.4269, 76.8482,
85.2602

■ 47.2655, 72.3113,
76.4316


■ 61.2320, 79.2604,
88.4186


■ 45.7076, 71.5672,
73.6910


■ 67.0182, 82.1769,
91.6905


■ 44.7245, 71.1180,
71.0425


■ 73.8402, 85.6258,
95.0789

 44.5235, 71.0286,
70.3896

 81.7485, 89.6333,
98.5865

 90.7905, 94.2236,
102.2161

 92.0743, 94.8129,
105.5519

 92.5520, 95.0040,
108.0673

Harmonies

Analogous

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



54.7292, 74.9066, 55.9401



52.5410, 74.9066, 82.2102



54.9193, 74.9066, 115.4165

Triad

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



52.5410, 74.9066, 82.2102



82.2021, 74.9066, 143.4963



81.7716, 74.9066, 40.2325

Complementary

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



52.5410, 74.9066, 82.2102



47.3082, 31.4379, 23.9995

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.



90.4086, 74.9066, 55.0718



52.5410, 74.9066, 82.2102



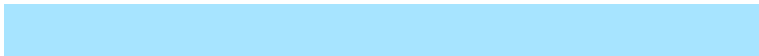
90.6741, 74.9066, 114.0077

Square

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



52.5410, 74.9066, 82.2102



71.4230, 74.9066, 155.8092



93.8154, 74.9066, 80.9143



70.9705, 74.9066, 35.6892

Rectangle

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



52.5410, 74.9066, 82.2102



58.9266, 74.9066, 136.1201



93.8154, 74.9066, 80.9143



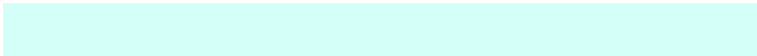
85.0613, 74.9066, 43.9622

Sweetspot

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



52.5432, 74.9095, 82.2120



79.7504, 92.2410, 102.3898



44.8156, 72.1855, 24.9373



16.7319, 19.5723, 21.7563



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.



52.5432, 74.9095, 82.2120



52.7845, 78.7028, 84.7194



43.1937, 50.8757, 95.5424



16.8746, 18.7090, 20.6242



23.5909, 37.5812, 37.4611



2.1036, 3.3151, 3.4513

Inverse Universe

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



47.3082, 31.4379, 23.9995



46.7226, 27.9324, 16.9916



52.1925, 43.3614, 18.9849



16.6086, 16.5263, 17.6855



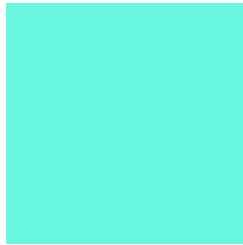
20.5225, 10.5524, 2.1938



1.8350, 0.9400, 0.3575

Previews

White Background



This preview shows how the XYZ color 52.5410, 74.9066, 82.2102 looks on a white background.

Color Contrast Check

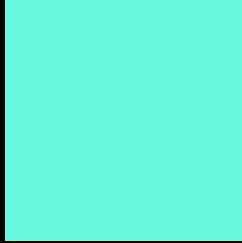
Large Text (above 18pt) WCAG AA × Fail

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 52.5410, 74.9066, 82.2102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

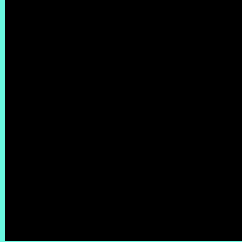
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.5410, 74.9066, 82.2102

Background



This preview shows how black text looks on a background with the XYZ color 52.5410, 74.9066, 82.2102.

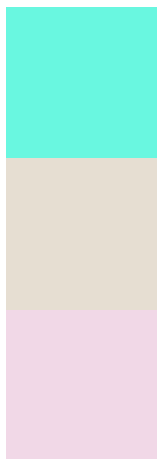


This preview shows how white text looks on a background with the XYZ color 52.5410, 74.9066,

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

52.5410, 74.9066, 82.2102

Protanopia

70.3873, 73.7187, 71.4921

Deuteranopia

75.2553, 73.5820, 85.8377



Tritanopia

60.1261, 74.2984, 105.7798

Trichromacy



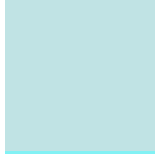
Original Color

52.5410, 74.9066, 82.2102



Protanomaly

60.8492, 72.3724, 75.0522



Deuteranomaly

63.2109, 71.7461, 83.9156



Tritanomaly

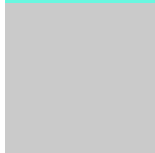
56.9904, 74.1881, 96.9040

Monochromacy



Original Color

52.5410, 74.9066, 82.2102



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

52.6406, 63.0114, 70.3607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5410, 74.9066, 82.2102 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(105, 247, 224)` looks like.

```
.text, #text, p{  
    color:rgb(105, 247, 224)  
}
```

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(105, 247, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 247, 224) }
```

Border

The CSS property to change the border of an element to XYZ 52.5410, 74.9066, 82.2102 is called "border". The border property can be set on classes, ids or directly on the HTML element.

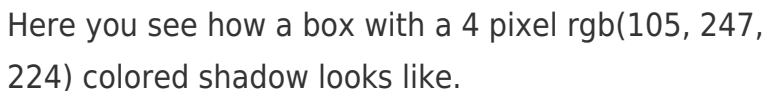
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 247, 224) }
```


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

```
.border{ border-color:rgb(105, 247, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 247, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 247, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 247, 224); box-shadow:4px 4px 4px 4px rgb(105, 247, 224) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5410, 74.9066, 82.2102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 247, 224) }
```

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

```
.background{ background-color: rgb(105,  
247, 224) }
```

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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