

Converting Colors

XYZ(52.4431, 67.4375, 94.4552)

Have a look what the booklet for
XYZ(52.4431, 67.4375, 94.4552)
contains.

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Color

**XYZ(52.4881, 67.6276,
94.2914)**

Conversions

Conversions Part 1

Format	Color
Hex	79E7F2
RGB	121, 231, 242
RGB Percent	47%, 91%, 95%
CMY	0.5255, 0.0941, 0.0510
CMYK	0.50, 0.05, 0.00, 0.05
HSL	185°, 82%, 71%
HSV	185°, 50%, 95%
XYZ	52.4881, 67.6276, 94.2914
YIQ	199.3640, -69.0910, -19.8990

Conversions

Conversions Part 2

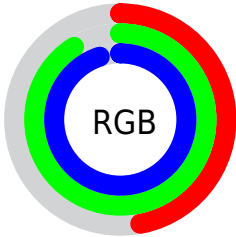
Format	Color
RYB	121, 179, 242
Decimal	7989234
CIELab	85.82, -28.66, -15.08
CIElCh	86, 32.390, 207.752
Yxy	67.6276, 0.2448, 0.3154
Android (android.graphics.Color)	4286179314 (0xFF79E7F2)
YUV	199.3640, 21.0195, -68.7252
Hunter-Lab	82.2360, -29.9833, -10.4164

Details

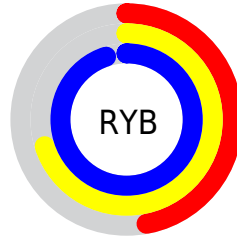
The XYZ color **52.4881, 67.6276, 94.2914** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **48.3217, 36.7616, 22.6398**, and the grayscale version is **54.4164, 57.2503, 62.3456**.

A 20% lighter version of the original color is **72.8661, 88.5638, 107.8618**, and **25.8802, 35.0750, 51.8605** is the 20% darker color. If you saturate the color by 10%, you get **48.9014, 64.8719, 93.9497**, and if you desaturate by 10%, it is **56.9371, 70.8424, 94.6786**.

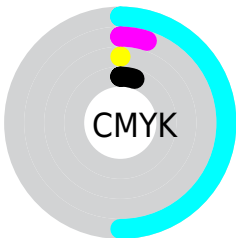
Distribution



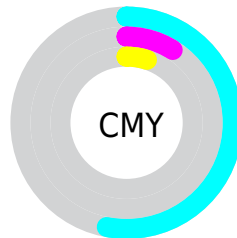
- Red (47%)
- Green (91%)
- Blue (95%)



- Red (47%)
- Yellow (70%)
- Blue (95%)



- Cyan (50%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (53%)
- Magenta (9%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4881, 67.6276, 94.2914 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 52.4881, 67.6276, 94.2914 by changing the saturation by 10% instead.

52.4881, 67.6276,
94.2914

52.4881, 67.6276,
94.2914

386.6111,
452.1755, 562.8203

37.6201, 49.5948,
70.9517

93.0207, 115.8192,
155.2724

25.8639, 35.0916,
51.8212

119.4159,
146.7469, 193.7509

16.8540, 23.7334,
36.4813

150.3844,
182.7416, 238.1126

10.2251, 15.1360,
24.5135

186.2913,
224.1879, 288.7762

5.6119, 8.9149,
15.4993

227.5021,
271.4700, 346.1603

2.6489, 4.6857,
9.0200

274.3821,

0.9710, 2.0641,

324.9723, 410.6833

4.6573

327.2967,
385.0794, 482.7638

■ 0.0000, 0.6443,
1.9924

■ 0.0000, 0.0000,
0.5506

■ 52.4881, 67.6276,
94.2914

■ 52.4881, 67.6276,
94.2914

■ 48.9014, 64.8719,
93.9497

■ 56.9371, 70.8424,
94.6786

■ 46.1061, 62.5341,
93.6458


■ 62.3005, 74.5386,
95.1094


■ 44.0300, 60.5784,
93.3778


■ 68.6334, 78.7461,
95.5877


■ 42.5846, 58.9592,
93.1414


■ 75.9847, 83.4903,
96.1160


 41.6220, 57.6003,
92.9298


 84.4001, 88.7947,
96.6963

 41.6218, 57.6000,
92.9298

 89.6786, 92.4937,
97.1321

 90.3452, 93.8268,
97.3543

 91.0197, 95.1758,
97.5791

 91.7021, 96.5407,
97.8066

Harmonies

Analogous

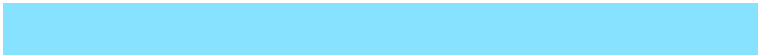
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



51.0802, 67.6276, 72.0479



52.4881, 67.6276, 94.2914



56.9794, 67.6276, 113.7653

Triad

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



52.4881, 67.6276, 94.2914



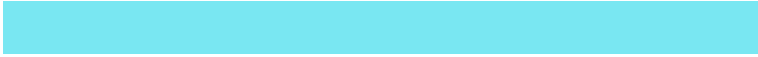
77.0813, 67.6276, 97.5942



64.8378, 67.6276, 39.9551

Complementary

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



52.4881, 67.6276, 94.2914



48.3217, 36.7616, 22.6398

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.



72.1747, 67.6276, 44.2629



52.4881, 67.6276, 94.2914



79.5732, 67.6276, 75.2451

Square

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



52.4881, 67.6276, 94.2914



71.1353, 67.6276, 115.9151



77.7131, 67.6276, 56.2397



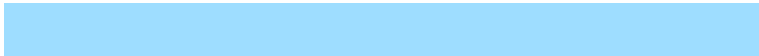
57.8762, 67.6276, 43.1340

Rectangle

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



52.4881, 67.6276, 94.2914



61.3059, 67.6276, 121.0791



77.7131, 67.6276, 56.2397



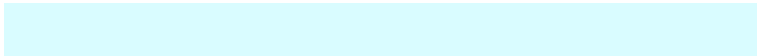
67.3446, 67.6276, 40.5543

Sweetspot

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



52.4902, 67.6302, 94.2930



81.2519, 91.2552, 107.9393



43.7413, 69.2116, 32.5580



17.0226, 19.2937, 23.0768



0.0000, 0.0000, 0.0000



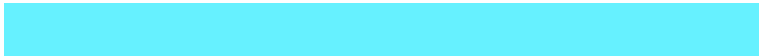
20.3446, 21.4041, 23.3091

Same Dimension

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



52.4902, 67.6302, 94.2930



55.0124, 73.0106, 105.8007



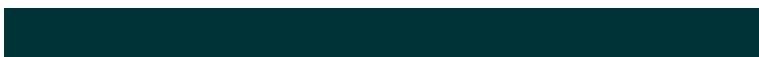
38.5557, 39.7612, 89.6482



16.1174, 17.6689, 20.2826



22.4124, 31.0491, 49.9397



1.9001, 2.6542, 4.1664

Inverse Universe

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



57.8809, 38.3234, 79.9506



61.8825, 37.1192, 87.1953



58.8290, 57.7761, 26.1423



16.3887, 16.0052, 19.6030



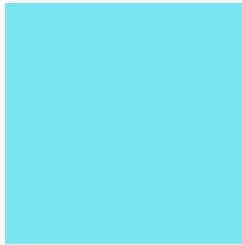
26.6384, 12.9278, 37.6079



2.2340, 1.0827, 3.2233

Previews

White Background



This preview shows how the XYZ color 52.4881, 67.6276, 94.2914 looks on a white background.

Color Contrast Check

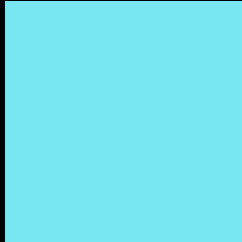
Large Text (above 18pt) WCAG AA × Fail

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 52.4881, 67.6276, 94.2914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

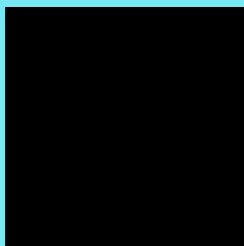
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

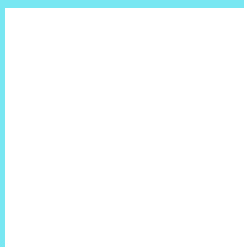
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.4881, 67.6276, 94.2914

Background



This preview shows how black text looks on a background with the XYZ color 52.4881, 67.6276, 94.2914.

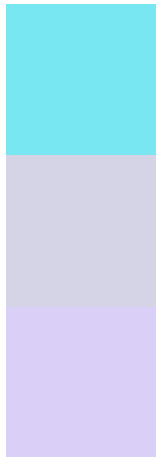


This preview shows how white text looks on a background with the XYZ color 52.4881, 67.6276,

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

52.4881, 67.6276, 94.2914

Protanopia

64.9778, 66.7972, 84.3314

Deuteranopia

68.2578, 66.7326, 97.2788



Tritanopia

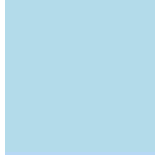
53.5641, 67.6441, 99.8560

Trichromacy



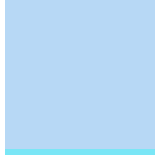
Original Color

52.4881, 67.6276, 94.2914



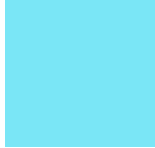
Protanomaly

58.7732, 66.1873, 87.5196



Deuteranomaly

60.5657, 65.7716, 95.8892



Tritanomaly

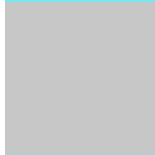
52.9574, 67.3850, 97.4042

Monochromacy



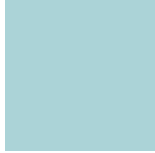
Original Color

52.4881, 67.6276, 94.2914



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

52.3546, 60.1528, 73.1412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4881, 67.6276, 94.2914 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(121, 231, 242)` looks like.

```
.text, #text, p{  
    color:rgb(121, 231, 242)  
}
```

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(121, 231, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 231, 242) }
```

Border

The CSS property to change the border of an element to XYZ 52.4881, 67.6276, 94.2914 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(121, 231, 242) }
```


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

```
.border{ border-color:rgb(121, 231, 242) }
```

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

Here you see how a box with a 4 pixel rgb(121, 231, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 231, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 231, 242);  
box-shadow:4px 4px 4px 4px rgb(121, 231,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4881, 67.6276, 94.2914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 231, 242) }
```

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

```
.background{ background-color: rgb(121,  
231, 242) }
```

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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