

Converting Colors

XYZ(43.9762, 57.2719, 92.7412)

Have a look what the booklet for
XYZ(43.9762, 57.2719, 92.7412)
contains.

XYZ(43.9762, 57.2719, 92.7412)	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(43.9762, 57.2719,
92.7412)**

Conversions

Conversions Part 1

Format	Color
Hex	51D8F2
RGB	81, 216, 242
RGB Percent	32%, 85%, 95%
CMY	0.6823, 0.1529, 0.0510
CMYK	0.67, 0.11, 0.00, 0.05
HSL	190°, 86%, 63%
HSV	190°, 67%, 95%
XYZ	43.9762, 57.2719, 92.7412
YIQ	178.5990, -88.8060, -20.5340

Conversions

Conversions Part 2

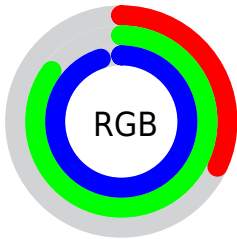
Format	Color
R _Y B	81, 154, 242
Decimal	5363954
CIE Lab	80.33, -28.51, -23.49
CIE LCh	80, 36.939, 219.494
Yxy	57.2719, 0.2267, 0.2952
Android (android.graphics.Color)	4283554034 (0xFF51D8F2)
YUV	178.5990, 31.2567, -85.5943
Hunter-Lab	75.6782, -28.7114, -19.6832

Details

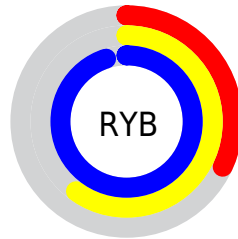
The XYZ color **43.9762, 57.2719, 92.7412** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light muted cyan. A complement of this color would be **43.3624, 29.9886, 11.2893**, and the grayscale version is **42.5096, 44.7234, 48.7037**.

A 20% lighter version of the original color is **65.8426, 84.9430, 107.5331**, and **21.6078, 29.0349, 50.9198** is the 20% darker color. If you saturate the color by 10%, you get **41.2710, 54.4097, 92.3324**, and if you desaturate by 10%, it is **47.4474, 60.5666, 93.1953**.

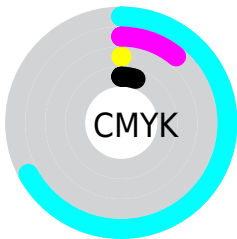
Distribution



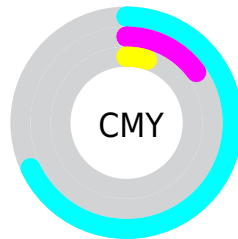
- Red (32%)
- Green (85%)
- Blue (95%)



- Red (32%)
- Yellow (60%)
- Blue (95%)



- Cyan (67%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)





- Cyan (68%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.9762, 57.2719, 92.7412 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 43.9762, 57.2719, 92.7412 by changing the saturation by 10% instead.


 43.9762, 57.2719,
92.7412


 43.9762, 57.2719,
92.7412


353.4650,
414.4674, 557.7066


 30.8496, 41.2236,
69.6700


 80.4285, 100.8618,
153.1089

 20.6356, 28.4938,
50.7824


 104.4849,
129.1722, 191.2424

 12.9689, 18.6982,
35.6599

 132.9154,
162.3387, 235.2337

 7.4840, 11.4524,
23.8840

 166.0852,
200.7458, 285.5014

 3.8156, 6.3720,
15.0362

204.3597,
244.7778, 342.4640

 1.5983, 3.0726,
8.6979

248.1042,

 0.3913, 1.1697,

294.8191, 406.5400

4.4506

297.6842,
351.2542, 478.1481

■ 0.0000, 0.0368,
1.8756

■ 0.0000, 0.0000,
0.4772

■ 43.9762, 57.2719,
92.7412

■ 43.9762, 57.2719,
92.7412

■ 41.2710, 54.4097,
92.3324

■ 47.4474, 60.5666,
93.1953

■ 39.2435, 51.9309,
91.9608


■ 51.7499, 64.3243,
93.6938

■ 37.7918, 49.7837,
91.6229


■ 56.9478, 68.5795,
94.2412


■ 37.3646, 49.0856,
91.5106


■ 63.0977, 73.3614,
94.8401

 70.2511, 78.6970,
95.4929

 78.4559, 84.6112,
96.2020

 87.7569, 91.1271,
96.9695

 90.6098, 94.3560,
97.4424

 91.8192, 96.7748,
97.8455

Harmonies

Analogous

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



41.3267, 57.2719, 69.4774



43.9762, 57.2719, 92.7412



49.5030, 57.2719, 110.0120

Triad

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



43.9762, 57.2719, 92.7412



69.2080, 57.2719, 78.0993



52.0738, 57.2719, 29.6658

Complementary

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



43.9762, 57.2719, 92.7412



43.3624, 29.9886, 11.2893

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.



59.6846, 57.2719, 30.9430



43.9762, 57.2719, 92.7412



70.0583, 57.2719, 55.7449

Square

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



43.9762, 57.2719, 92.7412



64.2077, 57.2719, 100.2928



66.4335, 57.2719, 39.4637



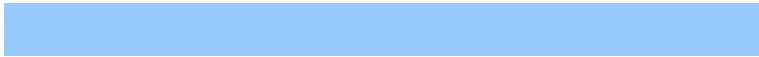
45.7083, 57.2719, 35.4470

Rectangle

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



43.9762, 57.2719, 92.7412



54.3071, 57.2719, 113.9037



66.4335, 57.2719, 39.4637



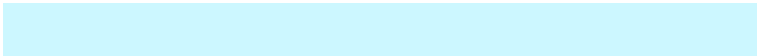
54.5635, 57.2719, 29.3208

Sweetspot

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



43.9780, 57.2740, 92.7426



76.1405, 86.4347, 107.2783



37.7046, 66.2780, 24.2129



15.8109, 18.1379, 22.9176



0.0000, 0.0000, 0.0000



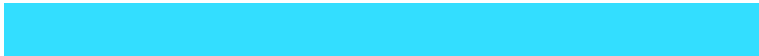
20.3446, 21.4041, 23.3091

Same Dimension

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



43.9780, 57.2740, 92.7426



45.5516, 60.1965, 103.8260



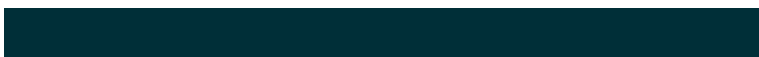
28.4177, 26.1534, 87.5558



16.0174, 17.4689, 20.2492



20.1574, 26.5390, 49.1880



1.7344, 2.3228, 4.1111

Inverse Universe

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



51.9566, 29.7217, 67.9664



55.6162, 28.9046, 71.7949



55.5901, 54.4439, 15.3652



16.3382, 15.9850, 19.3372



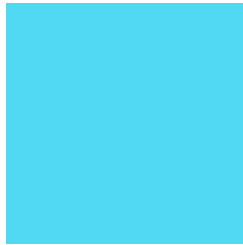
25.5001, 12.4725, 31.6139



2.1504, 1.0492, 2.7828

Previews

White Background



This preview shows how the XYZ color 43.9762, 57.2719, 92.7412 looks on a white background.

Color Contrast Check

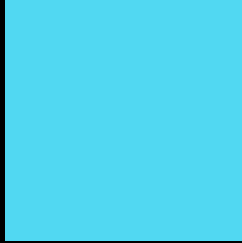
Large Text (above 18pt) WCAG AA × Fail

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 43.9762, 57.2719, 92.7412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

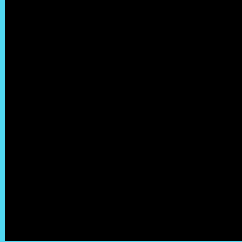
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.9762, 57.2719, 92.7412

Background



This preview shows how black text looks on a background with the XYZ color 43.9762, 57.2719, 92.7412.

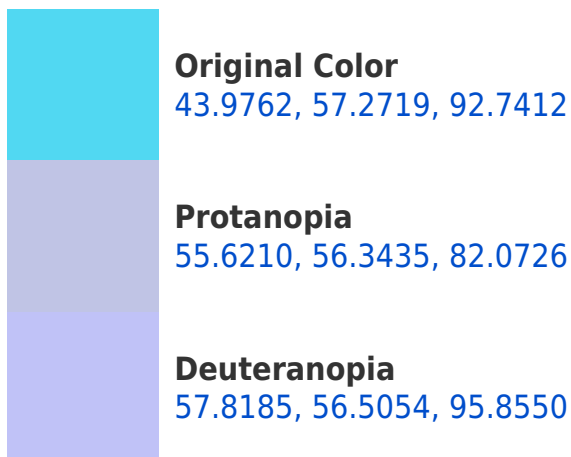


This preview shows how white text looks on a background with the XYZ color 43.9762, 57.2719,

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





Tritanopia

42.8688, 57.2016, 87.3789

Trichromacy



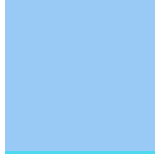
Original Color

43.9762, 57.2719, 92.7412



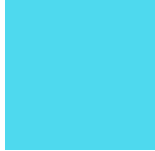
Protanomaly

49.1561, 55.3278, 85.9304



Deuteranomaly

50.5509, 55.5090, 94.4362



Tritanomaly

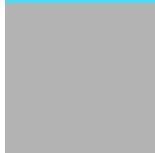
43.3874, 57.4185, 89.6850

Monochromacy



Original Color

43.9762, 57.2719, 92.7412



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

40.8380, 47.8032, 62.9517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9762, 57.2719, 92.7412 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(81, 216, 242)` looks like.

```
.text, #text, p{  
    color:rgb(81, 216, 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(81, 216, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 216, 242) }
```

Border

The CSS property to change the border of an element to XYZ 43.9762, 57.2719, 92.7412 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(81, 216, 242) }
```


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

```
.border{ border-color:rgb(81, 216, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 216, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 216, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 216, 242);  
box-shadow:4px 4px 4px 4px rgb(81, 216,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9762, 57.2719, 92.7412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 216, 242) }
```

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

```
.background{ background-color: rgb(81, 216,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor