

Converting Colors

XYZ(52.8443, 72.9519, 96.0900)

Have a look what the booklet for
XYZ(52.8443, 72.9519, 96.0900)
contains.

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Color

**XYZ(52.8443, 72.9519,
96.0900)**

Conversions

Conversions Part 1

Format	Color
Hex	5EF3F3
RGB	94, 243, 243
RGB Percent	37%, 95%, 95%
CMY	0.6313, 0.0470, 0.0471
CMYK	0.61, 0.00, 0.00, 0.05
HSL	180°, 86%, 66%
HSV	180°, 61%, 95%
XYZ	52.8443, 72.9519, 96.0900
YIQ	198.4490, -88.8040, -31.5880

Conversions

Conversions Part 2

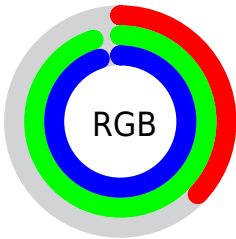
Format	Color
R _Y B	94, 169, 243
Decimal	6222835
CIE Lab	88.42, -38.97, -11.80
CIE LCh	88, 40.713, 196.842
Yxy	72.9519, 0.2382, 0.3288
Android (android.graphics.Color)	4284412915 (0xFF5EF3F3)
YUV	198.4490, 21.9636, -91.6018
Hunter-Lab	85.4119, -39.0329, -6.9141

Details

The XYZ color **52.8443, 72.9519, 96.0900** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **42.9876, 27.8704, 13.7057**, and the grayscale version is **53.8611, 56.6661, 61.7094**.

A 20% lighter version of the original color is **68.1081, 86.1109, 107.6391**, and **26.5285, 38.7057, 53.0864** is the 20% darker color. If you saturate the color by 10%, you get **50.7343, 71.8658, 95.9926**, and if you desaturate by 10%, it is **55.7428, 74.4478, 96.2275**.

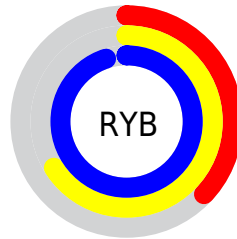
Distribution



Red (37%)

Green (95%)

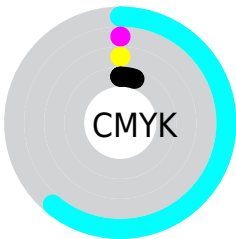
Blue (95%)



Red (37%)

Yellow (66%)

Blue (95%)

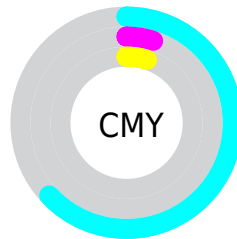


Cyan (61%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (63%)


Magenta (5%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.8443, 72.9519, 96.0900 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 52.8443, 72.9519, 96.0900 by changing the saturation by 10% instead.


 52.8443, 72.9519,
96.0900


 52.8443, 72.9519,
96.0900


387.9581,
470.8481, 568.7219


 37.9055, 53.9366,
72.4406


 93.5421, 123.4089,
157.7781

 26.0862, 38.5510,
53.0297


 120.0318,
155.6195, 196.6540

 17.0212, 26.4106,
37.4386


 151.1024,
192.9972, 241.4424

 10.3450, 17.1311,
25.2488

187.1195,
235.9266, 292.5619

 5.6923, 10.3280,
16.0418

228.4482,
284.7920, 350.4311

 2.6978, 5.6170,
9.3991

275.4540,

 0.9960, 2.6136,

339.9778, 415.4684

4.9020

328.5022,
401.8683, 488.0925

■ 0.0000, 0.9335,
2.1322

■ 0.0000, 0.0000,
0.6348

■ 52.8443, 72.9519,
96.0900

■ 52.8443, 72.9519,
96.0900

■ 50.7343, 71.8658,
95.9926

■ 55.7428, 74.4478,
96.2275

■ 49.3297, 71.1417,
95.9266


■ 59.4897, 76.3794,
96.4032


■ 48.5410, 70.7351,
95.8895


■ 64.1468, 78.7802,
96.6214


■ 48.2294, 70.5745,
95.8747


■ 69.7683, 81.6782,
96.8847

 76.4040, 85.0990,
97.1955

 84.1005, 89.0667,
97.5560

 89.4700, 91.8347,
97.8075

 89.4700, 91.8348,
97.8078

 89.4701, 91.8348,
97.8080

Harmonies

Analogous

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



52.5835, 72.9519, 67.7864



52.8443, 72.9519, 96.0900



57.2485, 72.9519, 125.5809

Triad

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



52.8443, 72.9519, 96.0900



83.9894, 72.9519, 122.2858



73.7104, 72.9519, 37.6668

Complementary

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



52.8443, 72.9519, 96.0900



42.9876, 27.8704, 13.7057

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.



83.0212, 72.9519, 46.2516



52.8443, 72.9519, 96.0900



89.3210, 72.9519, 92.3408

Square

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



52.8443, 72.9519, 96.0900



74.9342, 72.9519, 142.9742



88.9509, 72.9519, 64.8202



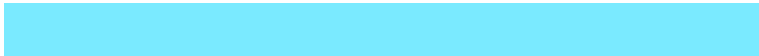
64.0288, 72.9519, 38.2147

Rectangle

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



52.8443, 72.9519, 96.0900



62.1992, 72.9519, 139.9906



88.9509, 72.9519, 64.8202



77.0044, 72.9519, 39.4751

Sweetspot

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



52.8465, 72.9547, 96.0917



80.1327, 92.3099, 108.2014



38.9481, 67.4252, 21.5530



16.7124, 19.5317, 23.1390



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.



52.8465, 72.9547, 96.0917



56.0766, 79.9085, 107.0739



35.3559, 37.9730, 90.2630



16.9968, 18.7578, 21.2673



26.4691, 38.7325, 52.6177



2.3264, 3.4042, 4.6246

Inverse Universe

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



42.9876, 27.8704, 13.7057



44.1981, 25.5885, 7.8107



52.6244, 47.1442, 16.9176



16.4992, 16.4825, 17.1095



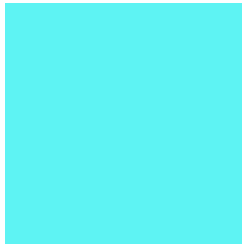
20.2862, 10.4579, 0.9494



1.7830, 0.9191, 0.0835

Previews

White Background



This preview shows how the XYZ color 52.8443, 72.9519, 96.0900 looks on a white background.

Color Contrast Check

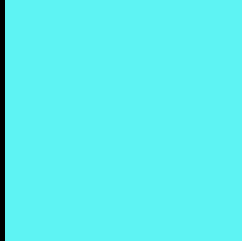
Large Text (above 18pt) WCAG AA × Fail

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 52.8443, 72.9519, 96.0900 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 52.8443, 72.9519, 96.0900

Background



This preview shows how black text looks on a background with the XYZ color 52.8443, 72.9519, 96.0900.

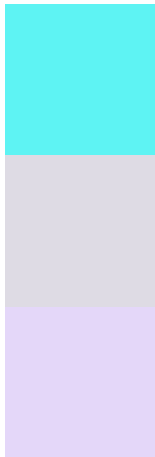


This preview shows how white text looks on a background with the XYZ color 52.8443, 72.9519,

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

52.8443, 72.9519, 96.0900

Protanopia

69.4593, 71.7941, 83.5955

Deuteranopia

73.3942, 71.9344, 99.6390



Tritanopia

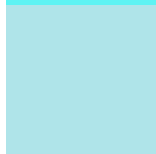
57.2287, 72.8047, 105.6442

Trichromacy



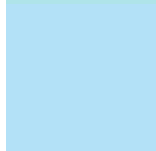
Original Color

52.8443, 72.9519, 96.0900



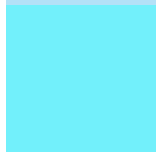
Protanomaly

60.1306, 70.4840, 87.5263



Deuteranomaly

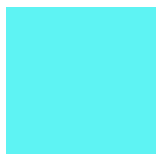
62.3041, 70.1495, 98.2521



Tritanomaly

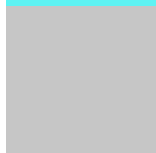
55.5121, 72.8626, 102.4049

Monochromacy



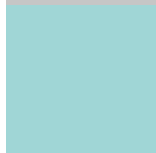
Original Color

52.8443, 72.9519, 96.0900



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

50.6814, 60.4218, 72.6097

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8443, 72.9519, 96.0900 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(94, 243, 243)` looks like.

```
.text, #text, p{  
    color:rgb(94, 243, 243)  
}
```

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(94, 243, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 243, 243) }
```

Border

The CSS property to change the border of an element to XYZ 52.8443, 72.9519, 96.0900 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(94, 243, 243) }
```


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

```
.border{ border-color:rgb(94, 243, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 243, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 243, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 243, 243);  
box-shadow:4px 4px 4px 4px rgb(94, 243,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8443, 72.9519, 96.0900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 243, 243) }
```

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

```
.background{ background-color: rgb(94, 243,  
243) }
```

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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