

Converting Colors

XYZ(43.6689, 57.6275, 93.6168)

Have a look what the booklet for
XYZ(43.6689, 57.6275, 93.6168)
contains.

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Color

**XYZ(43.5890, 57.4364,
93.5830)**

Conversions

Conversions Part 1

Format	Color
Hex	47D9F3
RGB	71, 217, 243
RGB Percent	28%, 85%, 95%
CMY	0.7215, 0.1490, 0.0471
CMYK	0.71, 0.11, 0.00, 0.05
HSL	189°, 88%, 62%
HSV	189°, 71%, 95%
XYZ	43.5890, 57.4364, 93.5830
YIQ	176.3100, -95.3620, -22.8660

Conversions

Conversions Part 2

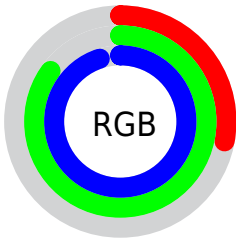
Format	Color
R_{YB}	71, 150, 243
Decimal	4708851
CIE _{Lab}	80.42, -30.04, -23.91
CIE _{LCh}	80, 38.393, 218.513
Yxy	57.4364, 0.2240, 0.2951
Android (android.graphics.Color)	4282898931 (0xFF47D9F3)
YUV	176.3100, 32.8782, -92.3569
Hunter-Lab	75.7868, -29.9621, -20.1617

Details

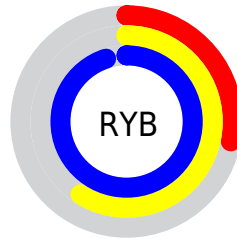
The XYZ color **43.5890, 57.4364, 93.5830** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **42.3757, 28.0609, 9.1458**, and the grayscale version is **41.3002, 43.4511, 47.3182**.

A 20% lighter version of the original color is **64.6252, 84.3154, 107.4761**, and **21.8900, 29.4285, 51.5403** is the 20% darker color. If you saturate the color by 10%, you get **41.2142, 54.8233, 93.2049**, and if you desaturate by 10%, it is **46.7006, 60.4629, 94.0043**.

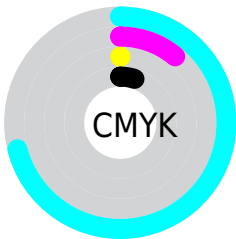
Distribution



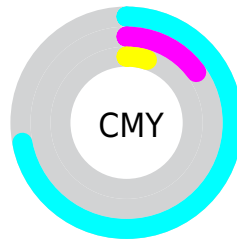
- Red (28%)
- Green (85%)
- Blue (95%)



- Red (28%)
- Yellow (59%)
- Blue (95%)



- Cyan (71%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)



- Cyan (72%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5890, 57.4364, 93.5830 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 43.5890, 57.4364, 93.5830 by changing the saturation by 10% instead.

43.5890, 57.4364,
93.5830

43.5890, 57.4364,
93.5830

351.9091,
415.0825, 560.4866

30.5440, 41.3557,
70.3658

79.8491, 101.1017,
154.2842

20.4020, 28.5971,
51.3462

103.7950,
129.4551, 192.6053

12.7976, 18.7763,
36.1055

132.1052,
162.6681, 236.7981

7.3653, 11.5087,
24.2254

165.1451,
201.1253, 287.2811

3.7400, 6.4101,
15.2871

203.2801,
245.2109, 344.4730

1.5561, 3.0960,
8.8723

246.8756,

0.3635, 1.1821,

295.3094, 408.7921

4.5623

296.2967,
351.8051, 480.6572

■ 0.0000, 0.0470,
1.9386

■ 0.0000, 0.0000,
0.5171

■ 43.5890, 57.4364,
93.5830

■ 43.5890, 57.4364,
93.5830

■ 41.2142, 54.8233,
93.2049

■ 46.7006, 60.4629,
94.0043


■ 39.4798, 52.5703,
92.8614


■ 50.6194, 63.9359,
94.4681


■ 38.3141, 50.7436,
92.5703


■ 55.4135, 67.8918,
94.9790


■ 61.1423, 72.3614,
95.5397

 67.8598, 77.3727,
96.1530

 75.6159, 82.9518,
96.8210

 84.4570, 89.1226,
97.5462

 90.4921, 93.8795,
98.1462

 91.6228, 96.1409,
98.5232

Harmonies

Analogous

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



40.9550, 57.4364, 69.1737



43.5890, 57.4364, 93.5830



49.2355, 57.4364, 112.1376

Triad

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



43.5890, 57.4364, 93.5830



69.9132, 57.4364, 79.7892



52.3826, 57.4364, 28.7304

Complementary

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



43.5890, 57.4364, 93.5830



42.3757, 28.0609, 9.1458

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.



60.3227, 57.4364, 30.2656



43.5890, 57.4364, 93.5830



70.9618, 57.4364, 56.3417

Square

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



43.5890, 57.4364, 93.5830



64.5641, 57.4364, 102.9354



67.3054, 57.4364, 39.2531



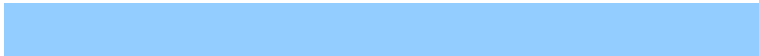
45.7028, 57.4364, 34.3936

Rectangle

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



43.5890, 57.4364, 93.5830



54.1998, 57.4364, 116.6189



67.3054, 57.4364, 39.2531



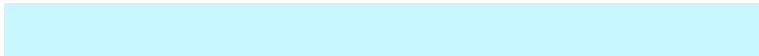
54.9852, 57.4364, 28.4558

Sweetspot

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



43.5908, 57.4385, 93.5844



75.4904, 86.1636, 107.2602



36.7990, 66.3015, 22.1205



15.6915, 18.0990, 22.9164



0.0000, 0.0000, 0.0000



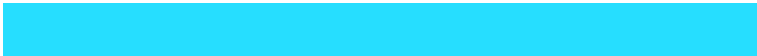
20.3446, 21.4041, 23.3091

Same Dimension

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



43.5908, 57.4385, 93.5844



45.0426, 60.0049, 103.8159



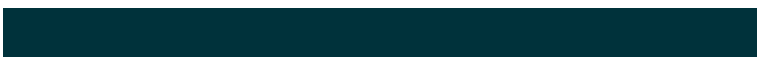
26.9213, 24.0994, 88.0279



16.7708, 18.3059, 21.1920



21.1077, 28.0092, 50.8319



1.9118, 2.5750, 4.4865

Inverse Universe

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



51.7413, 28.5726, 68.4358



55.1576, 27.9489, 71.7608



54.9935, 53.2964, 13.3517



17.0996, 16.7227, 20.2713



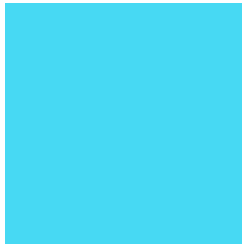
26.4587, 12.9269, 33.4536



2.3540, 1.1476, 3.0907

Previews

White Background



This preview shows how the XYZ color 43.5890, 57.4364, 93.5830 looks on a white background.

Color Contrast Check

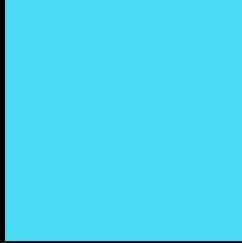
Large Text (above 18pt) WCAG AA × Fail

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 43.5890, 57.4364, 93.5830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

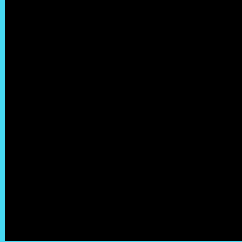
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5890, 57.4364, 93.5830

Background



This preview shows how black text looks on a background with the XYZ color 43.5890, 57.4364, 93.5830.



This preview shows how white text looks on a background with the XYZ color 43.5890, 57.4364,

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

43.5890, 57.4364, 93.5830

Protanopia

55.6210, 56.3435, 82.0726

Deuteranopia

57.7209, 56.4372, 96.6582



Tritanopia

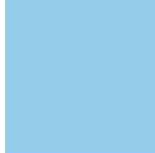
42.4585, 57.3572, 88.1901

Trichromacy



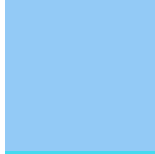
Original Color

43.5890, 57.4364, 93.5830



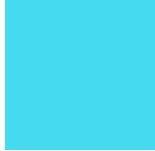
Protanomaly

48.6569, 55.4221, 85.9750



Deuteranomaly

49.7877, 55.0979, 95.1996



Tritanomaly

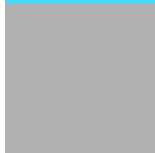
43.0353, 57.6037, 90.5118

Monochromacy



Original Color

43.5890, 57.4364, 93.5830



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

39.5374, 46.8350, 61.5998

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5890, 57.4364, 93.5830 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(71, 217, 243)` looks like.

```
.text, #text, p{  
    color:rgb(71, 217, 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(71, 217, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 217, 243) }
```

Border

The CSS property to change the border of an element to XYZ 43.5890, 57.4364, 93.5830 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(71, 217, 243) }
```


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

```
.border{ border-color:rgb(71, 217, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 217, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 217, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 217, 243);  
box-shadow:4px 4px 4px 4px rgb(71, 217,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5890, 57.4364, 93.5830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 217, 243) }
```

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

```
.background{ background-color: rgb(71, 217,  
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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