

Converting Colors

XYZ(43.5377, 59.7309, 91.6726)

Have a look what the booklet for
XYZ(43.5377, 59.7309, 91.6726)
contains.

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Color

**XYZ(43.5841, 59.8235,
91.6880)**

Conversions

Conversions Part 1

Format	Color
Hex	35DFF0
RGB	53, 223, 240
RGB Percent	21%, 87%, 94%
CMY	0.7921, 0.1255, 0.0588
CMYK	0.78, 0.07, 0.00, 0.06
HSL	185°, 86%, 57%
HSV	185°, 78%, 94%
XYZ	43.5841, 59.8235, 91.6880
YIQ	174.1080, -106.7770, -30.7530

Conversions

Conversions Part 2

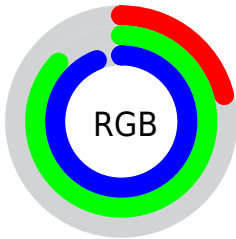
Format	Color
RYB	53, 142, 240
Decimal	3530736
CIELab	81.74, -35.74, -20.34
CIELCh	82, 41.120, 209.651
Yxy	59.8235, 0.2234, 0.3066
Android (android.graphics.Color)	4281720816 (0xFF35DFF0)
YUV	174.1080, 32.4848, -106.2117
Hunter-Lab	77.3457, -34.7705, -16.1423

Details

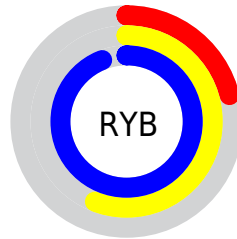
The XYZ color **43.5841, 59.8235, 91.6880** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **38.7698, 23.1650, 5.7981**, and the grayscale version is **40.1685, 42.2604, 46.0216**.

A 20% lighter version of the original color is **63.0159, 83.4858, 107.4008**, and **22.4704, 31.0981, 50.1656** is the 20% darker color. If you saturate the color by 10%, you get **42.0448, 58.1714, 91.4514**, and if you desaturate by 10%, it is **45.7656, 61.8203, 91.9596**.

Distribution



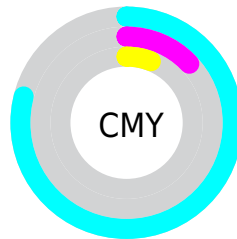
- Red (21%)
- Green (87%)
- Blue (94%)



- Red (21%)
- Yellow (56%)
- Blue (94%)



- Cyan (78%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (79%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5841, 59.8235, 91.6880 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 43.5841, 59.8235, 91.6880 by changing the saturation by 10% instead.

43.5841, 59.8235,
91.6880

43.5841, 59.8235,
91.6880

351.8893,
423.9469, 554.2178

30.5402, 43.2764,
68.7999

79.8418, 104.5736,
151.6368

20.3991, 30.1020,
50.0780

103.7863,
133.5454, 189.5347

12.7954, 19.9160,
35.1038

132.0950,
167.4275, 233.2729

7.3638, 12.3340,
23.4587

165.1332,
206.6043, 283.2699

3.7390, 6.9716,
14.7241

203.2665,
251.4603, 339.9444

1.5556, 3.4443,
8.4815

246.8600,

0.3632, 1.3679,

302.3798, 403.7149

4.3124

296.2792,
359.7472, 474.9998

■ 0.0000, 0.1929,
1.7982

■ 0.0000, 0.0000,
0.4268

■ 43.5841, 59.8235,
91.6880

■ 43.5841, 59.8235,
91.6880

■ 42.0448, 58.1714,
91.4514

■ 45.7656, 61.8203,
91.9596

■ 41.0287, 56.7988,
91.2400

■ 48.6666, 64.1980,
92.2656

■ 40.8474, 56.5293,
91.1975

■ 52.3597, 66.9953,
92.6109

■ 56.9068, 70.2441,
92.9983

62.3637, 73.9732,
93.4305

68.7815, 78.2091,
93.9098

76.2075, 82.9761,
94.4386

84.6859, 88.2970,
95.0188

88.9111, 91.4368,
95.4021

Harmonies

Analogous

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



41.7838, 59.8235, 64.8473



43.5841, 59.8235, 91.6880



48.8562, 59.8235, 115.5570

Triad

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



43.5841, 59.8235, 91.6880



72.4719, 59.8235, 92.3220



56.9620, 59.8235, 28.1449

Complementary

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



43.5841, 59.8235, 91.6880



38.7698, 23.1650, 5.7981

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.



65.6944, 59.8235, 32.0465



43.5841, 59.8235, 91.6880



75.1869, 59.8235, 65.4288

Square

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



43.5841, 59.8235, 91.6880



65.5009, 59.8235, 115.9836



72.5913, 59.8235, 44.2820



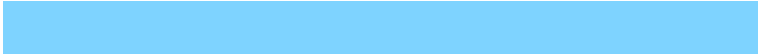
49.0153, 59.8235, 31.8657

Rectangle

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



43.5841, 59.8235, 91.6880



53.9216, 59.8235, 124.2030



72.5913, 59.8235, 44.2820



59.9042, 59.8235, 28.5901

Sweetspot

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



43.5860, 59.8257, 91.6895



74.9887, 87.1680, 107.4805



33.6914, 63.5031, 16.0468



15.4967, 18.2896, 22.9634



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.



43.5860, 59.8257, 91.6895



47.5606, 65.8751, 104.8162



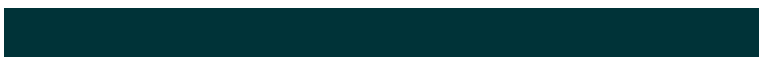
25.3040, 23.2618, 85.5955



16.1174, 17.6688, 20.2826



22.4120, 31.0482, 49.9395



1.9001, 2.6542, 4.1664

Inverse Universe

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



50.5292, 26.4012, 72.2470



56.2250, 27.5962, 79.7849



49.5151, 44.6555, 9.3799



16.3887, 16.0052, 19.6030



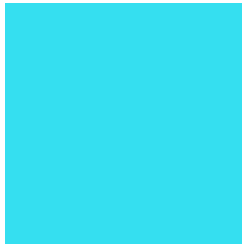
26.6381, 12.9277, 37.6066



2.2340, 1.0827, 3.2232

Previews

White Background



This preview shows how the XYZ color 43.5841, 59.8235, 91.6880 looks on a white background.

Color Contrast Check

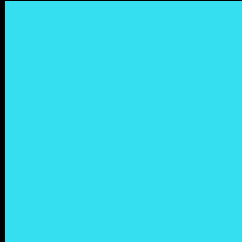
Large Text (above 18pt) WCAG AA × Fail

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 43.5841, 59.8235, 91.6880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

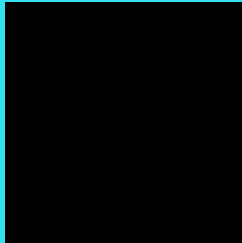
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5841, 59.8235, 91.6880

Background



This preview shows how black text looks on a background with the XYZ color 43.5841, 59.8235, 91.6880.

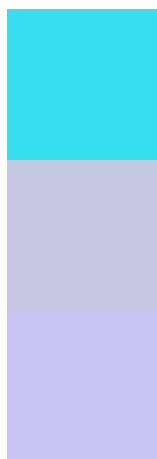


This preview shows how white text looks on a background with the XYZ color 43.5841, 59.8235,

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

43.5841, 59.8235, 91.6880

Protanopia

57.5336, 58.7506, 79.5418

Deuteranopia

60.1540, 58.7284, 95.3540



Tritanopia

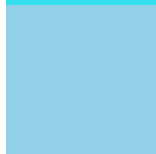
43.7862, 59.9105, 92.4752

Trichromacy



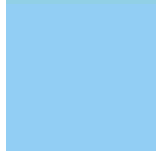
Original Color

43.5841, 59.8235, 91.6880



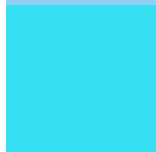
Protanomaly

48.5159, 56.8447, 83.2780



Deuteranomaly

50.2545, 56.7853, 93.8999



Tritanomaly

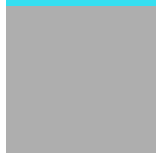
43.7862, 59.9105, 92.4752

Monochromacy



Original Color

43.5841, 59.8235, 91.6880



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

38.2486, 46.5223, 60.3899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5841, 59.8235, 91.6880 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(53, 223, 240)` looks like.

```
.text, #text, p{  
    color:rgb(53, 223, 240)  
}
```

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(53, 223, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 223, 240) }
```

Border

The CSS property to change the border of an element to XYZ 43.5841, 59.8235, 91.6880 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(53, 223, 240) }
```


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

```
.border{ border-color:rgb(53, 223, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 223, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 223, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 223, 240);  
box-shadow:4px 4px 4px 4px rgb(53, 223,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5841, 59.8235, 91.6880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 223, 240) }
```

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

```
.background{ background-color: rgb(53, 223,  
240) }
```

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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