

Converting Colors

XYZ(43.7976, 55.2235, 93.0731)

Have a look what the booklet for
XYZ(43.7976, 55.2235, 93.0731)
contains.

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Color

**XYZ(43.8856, 55.3349,
93.1617)**

Conversions

Conversions Part 1

Format	Color
Hex	5CD3F3
RGB	92, 211, 243
RGB Percent	36%, 83%, 95%
CMY	0.6392, 0.1725, 0.0471
CMYK	0.62, 0.13, 0.00, 0.05
HSL	193°, 86%, 66%
HSV	193°, 62%, 95%
XYZ	43.8856, 55.3349, 93.1617
YIQ	179.0670, -81.1960, -15.2760

Conversions

Conversions Part 2

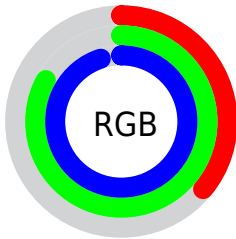
Format	Color
R _Y B	92, 159, 243
Decimal	6083571
CIE Lab	79.23, -24.04, -25.67
CIE LCh	79, 35.169, 226.886
Yxy	55.3349, 0.2281, 0.2876
Android (android.graphics.Color)	4284273651 (0xFF5CD3F3)
YUV	179.0670, 31.5190, -76.3578
Hunter-Lab	74.3874, -24.8702, -22.1827

Details

The XYZ color **43.8856, 55.3349, 93.1617** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **46.1033, 34.2449, 14.3072**, and the grayscale version is **42.7538, 44.9803, 48.9836**.

A 20% lighter version of the original color is **67.3276, 85.7086, 107.6026**, and **20.8581, 27.3648, 51.1963** is the 20% darker color. If you saturate the color by 10%, you get **40.5775, 51.7617, 92.6474**, and if you desaturate by 10%, it is **48.0165, 59.3954, 93.7288**.

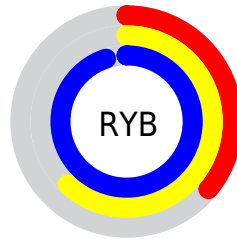
Distribution



Red (36%)

Green (83%)

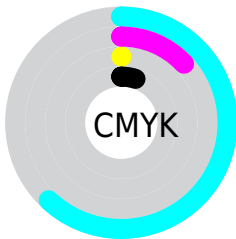
Blue (95%)



Red (36%)

Yellow (62%)

Blue (95%)

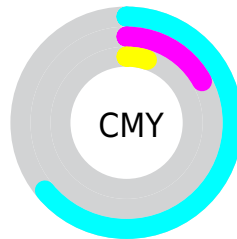


Cyan (62%)

Magenta (13%)

Yellow (0%)

Black (5%)



Cyan (64%)

Magenta (17%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.8856, 55.3349, 93.1617 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 43.8856, 55.3349, 93.1617 by changing the saturation by 10% instead.

43.8856, 55.3349,
93.1617

43.8856, 55.3349,
93.1617

353.1013,
407.1802, 559.0963

30.7781, 39.6699,
70.0175

80.2930, 98.0315,
153.6961

20.5809, 27.2813,
51.0639

104.3236,
125.8318, 191.9234

12.9287, 17.7846,
35.8824

132.7259,
158.4461, 236.0154

7.4562, 10.7954,
24.0544

165.8654,
196.2587, 286.3908

3.7978, 5.9295,
15.1614

204.1073,
239.6540, 343.4680

1.5884, 2.8022,
8.7849

247.8170,

0.3848, 1.0294,

289.0165, 407.6657

4.5062

297.3599,
344.7304, 479.4022

■ 0.0000, 0.0000,
1.9070

■ 0.0000, 0.0000,
0.4972

■ 43.8856, 55.3349,
93.1617

■ 43.8856, 55.3349,
93.1617

■ 40.5775, 51.7617,
92.6474

■ 48.0165, 59.3954,
93.7288

■ 38.0090, 48.6289,
92.1781

■ 53.0324, 63.9724,
94.3479


■ 36.0880, 45.8896,
91.7506


■ 58.9955, 69.0996,
95.0232


■ 34.9189, 43.9532,
91.4384


■ 65.9607, 74.8060,
95.7576

 73.9787, 81.1181,
96.5533

 83.0965, 88.0607,
97.4128

 90.6941, 94.2837,
98.2135

 92.2912, 97.4779,
98.7459

 93.1779, 99.2511,
99.0414

Harmonies

Analogous

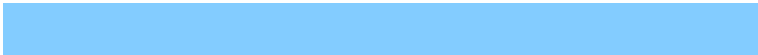
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



40.6903, 55.3349, 72.2102



43.8856, 55.3349, 93.1617



49.5863, 55.3349, 106.3684

Triad

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



43.8856, 55.3349, 93.1617



66.8890, 55.3349, 69.4679



48.7644, 55.3349, 30.2785

Complementary

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



43.8856, 55.3349, 93.1617



46.1033, 34.2449, 14.3072

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.



55.7212, 55.3349, 29.8634



43.8856, 55.3349, 93.1617



66.6190, 55.3349, 49.6897

Square

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



43.8856, 55.3349, 93.1617



63.0925, 55.3349, 90.7725



62.3847, 55.3349, 36.1770



43.3302, 55.3349, 37.4749

Rectangle

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



43.8856, 55.3349, 93.1617



54.2317, 55.3349, 107.4387



62.3847, 55.3349, 36.1770



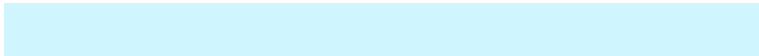
50.9899, 55.3349, 29.4083

Sweetspot

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



43.8874, 55.3369, 93.1630



76.2281, 85.5637, 107.1055



39.9912, 67.7880, 29.4564



15.7915, 17.8960, 22.8719



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.



43.8874, 55.3369, 93.1630



44.3139, 56.6332, 103.2035



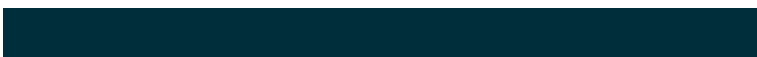
29.5817, 26.7255, 88.3945



16.6812, 18.1267, 21.1622



19.2662, 24.3262, 50.2180



1.7660, 2.2834, 4.4379

Inverse Universe

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



52.5488, 31.4140, 64.9239



55.2571, 29.7778, 66.7690



59.0211, 60.0806, 18.6132



17.0544, 16.7046, 20.0331



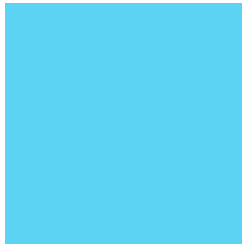
25.5292, 12.5551, 28.5588



2.2805, 1.1182, 2.7033

Previews

White Background



This preview shows how the XYZ color 43.8856, 55.3349, 93.1617 looks on a white background.

Color Contrast Check

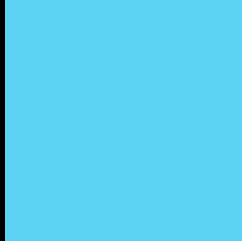
Large Text (above 18pt) WCAG AA × Fail

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 43.8856, 55.3349, 93.1617 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 43.8856, 55.3349, 93.1617

Background



This preview shows how black text looks on a background with the XYZ color 43.8856, 55.3349, 93.1617.

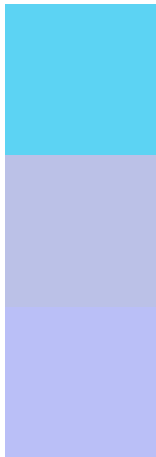


This preview shows how white text looks on a background with the XYZ color 43.8856, 55.3349,

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

43.8856, 55.3349, 93.1617

Protanopia

53.9873, 54.4742, 83.2705

Deuteranopia

55.6690, 54.4161, 95.5650



Tritanopia

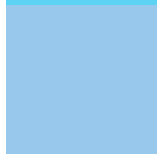
41.9149, 55.2801, 83.3239

Trichromacy



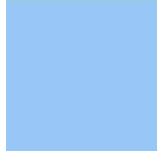
Original Color

43.8856, 55.3349, 93.1617



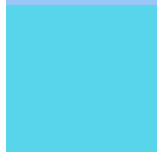
Protanomaly

48.5986, 53.9821, 86.4554



Deuteranomaly

49.7775, 53.7174, 94.9337



Tritanomaly

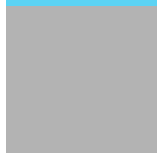
42.5634, 55.1598, 87.0008

Monochromacy



Original Color

43.8856, 55.3349, 93.1617



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

41.3241, 47.7289, 62.9117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.8856, 55.3349, 93.1617 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(92, 211, 243)` looks like.

```
.text, #text, p{  
    color:rgb(92, 211, 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(92, 211, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 211, 243) }
```

Border

The CSS property to change the border of an element to XYZ 43.8856, 55.3349, 93.1617 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(92, 211, 243) }
```


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

```
.border{ border-color:rgb(92, 211, 243) }
```

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

Here you see how a box with a 4 pixel rgb(92, 211, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 211, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 211, 243);  
box-shadow:4px 4px 4px 4px rgb(92, 211,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 43.8856, 55.3349, 93.1617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 211, 243) }
```

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

```
.background{ background-color: rgb(92, 211,  
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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