

Converting Colors

XYZ(43.4349, 58.4711, 90.4271)

Have a look what the booklet for
XYZ(43.4349, 58.4711, 90.4271)
contains.

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Color

**XYZ(43.5571, 58.6473,
90.6857)**

Conversions

Conversions Part 1

Format	Color
Hex	44DCEF
RGB	68, 220, 239
RGB Percent	27%, 86%, 94%
CMY	0.7333, 0.1372, 0.0627
CMYK	0.72, 0.08, 0.00, 0.06
HSL	187°, 84%, 60%
HSV	187°, 72%, 94%
XYZ	43.5571, 58.6473, 90.6857
YIQ	176.7180, -96.6910, -26.3150

Conversions

Conversions Part 2

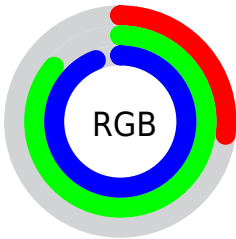
Format	Color
R _Y B	68, 148, 239
Decimal	4513007
CIE Lab	81.10, -33.04, -20.76
CIE LCh	81, 39.019, 212.150
Yxy	58.6473, 0.2258, 0.3040
Android (android.graphics.Color)	4282703087 (0xFF44DCEF)
YUV	176.7180, 30.7050, -95.3457
Hunter-Lab	76.5815, -32.4926, -16.6025

Details

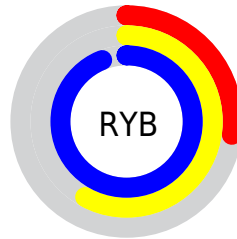
The XYZ color **43.5571, 58.6473, 90.6857** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **40.0499, 25.5866, 8.2986**, and the grayscale version is **41.5251, 43.6876, 47.5758**.

A 20% lighter version of the original color is **64.2912, 84.1433, 107.4605**, and **21.8227, 29.9698, 49.4343** is the 20% darker color. If you saturate the color by 10%, you get **41.5263, 56.5751, 90.3939**, and if you desaturate by 10%, it is **46.2816, 61.0960, 91.0158**.

Distribution



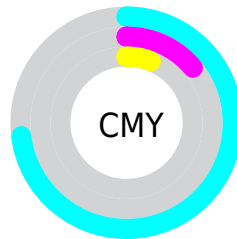
- Red (27%)
- Green (86%)
- Blue (94%)



- Red (27%)
- Yellow (58%)
- Blue (94%)



- Cyan (72%)
- Magenta (8%)
- Yellow (0%)
- Black (6%)





- Cyan (73%)
- Magenta (14%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.5571, 58.6473, 90.6857 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 43.5571, 58.6473, 90.6857 by changing the saturation by 10% instead.


 43.5571, 58.6473,
90.6857


 43.5571, 58.6473,
90.6857


351.7807,
419.5936, 550.8864


 30.5189, 42.3293,
67.9726


 79.8014, 102.8649,
150.2343

 20.3828, 29.3592,
49.4089

 103.7381,
131.5332, 187.9069

 12.7835, 19.3527,
34.5761

 132.0384,
165.0871, 231.4031

 7.3556, 11.9254,
23.0556

 165.0676,
203.9109, 281.1414

 3.7338, 6.6929,
14.4288

203.1911,
248.3891, 337.5403

 1.5526, 3.2708,
8.2774

246.7742,

 0.3612, 1.2747,

298.9060, 401.0184

4.1826

296.1823,
355.8460, 471.9943

■ 0.0000, 0.1215,
1.7261

■ 0.0000, 0.0000,
0.3785

■ 43.5571, 58.6473,
90.6857

■ 43.5571, 58.6473,
90.6857

■ 41.5263, 56.5751,
90.3939

■ 46.2816, 61.0960,
91.0158


■ 40.0951, 54.8272,
90.1319


■ 49.7680, 63.9526,
91.3835


■ 39.2354, 53.5425,
89.9293


■ 54.0821, 67.2527,
91.7931


■ 59.2813, 71.0256,
92.2473

 65.4179, 75.2985,
92.7486

 72.5397, 80.0962,
93.2993

 80.6917, 85.4418,
93.9014

 88.3487, 90.5491,
94.4837

 89.1416, 92.1349,
94.7480

Harmonies

Analogous

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



41.5693, 58.6473, 65.5467



43.5571, 58.6473, 90.6857



48.7718, 58.6473, 112.0300

Triad

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



43.5571, 58.6473, 90.6857



70.6948, 58.6473, 87.0693



55.1597, 58.6473, 28.8235

Complementary

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



43.5571, 58.6473, 90.6857



40.0499, 25.5866, 8.2986

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.



63.3476, 58.6473, 31.9552



43.5571, 58.6473, 90.6857



72.8186, 58.6473, 62.1965

Square

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



43.5571, 58.6473, 90.6857



64.4572, 58.6473, 109.6111



70.0117, 58.6473, 42.9220



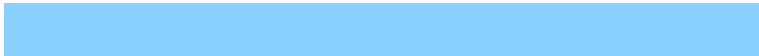
47.8510, 58.6473, 33.0226

Rectangle

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



43.5571, 58.6473, 90.6857



53.6401, 58.6473, 119.0875



70.0117, 58.6473, 42.9220



57.8991, 58.6473, 29.0518

Sweetspot

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



43.5589, 58.6495, 90.6871



76.1497, 87.4823, 107.4800



34.8958, 63.6209, 19.0584



15.8504, 18.4168, 22.9693



0.0000, 0.0000, 0.0000



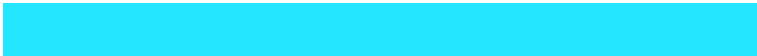
20.3446, 21.4041, 23.3091

Same Dimension

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



43.5589, 58.6495, 90.6871



47.2407, 64.5368, 104.5747



26.8267, 25.1849, 85.1097



16.0886, 17.6114, 20.2730



21.7427, 29.7096, 49.7164



1.8512, 2.5563, 4.1501

Inverse Universe

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



50.5836, 27.6542, 70.3840



56.2340, 28.2525, 77.8199



51.1294, 47.7456, 11.9918



16.3742, 15.9994, 19.5267



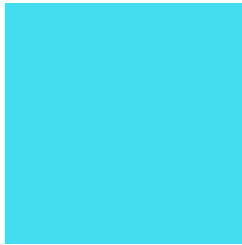
26.3003, 12.7926, 35.8276



2.2093, 1.0728, 3.0932

Previews

White Background



This preview shows how the XYZ color 43.5571, 58.6473, 90.6857 looks on a white background.

Color Contrast Check

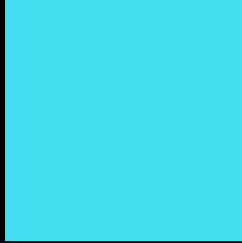
Large Text (above 18pt) WCAG AA × Fail

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 43.5571, 58.6473, 90.6857 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 43.5571, 58.6473, 90.6857

Background



This preview shows how black text looks on a background with the XYZ color 43.5571, 58.6473, 90.6857.



This preview shows how white text looks on a background with the XYZ color 43.5571, 58.6473,

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

43.5571, 58.6473, 90.6857

Protanopia

56.5496, 57.5602, 79.3639

Deuteranopia

59.0950, 57.8818, 93.6456



Tritanopia

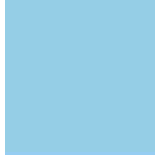
43.3406, 58.5527, 89.9064

Trichromacy



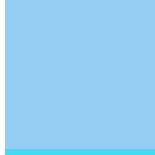
Original Color

43.5571, 58.6473, 90.6857



Protanomaly

48.7487, 56.2453, 83.1500



Deuteranomaly

50.4360, 56.5575, 92.2628



Tritanomaly

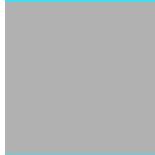
43.3406, 58.5527, 89.9064

Monochromacy



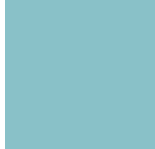
Original Color

43.5571, 58.6473, 90.6857



Achromatopsia

41.7894, 43.9657, 47.8787



Achromatomaly

39.8118, 47.6284, 61.7385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5571, 58.6473, 90.6857 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(68, 220, 239)` looks like.

```
.text, #text, p{  
    color:rgb(68, 220, 239)  
}
```

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(68, 220, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 220, 239) }
```

Border

The CSS property to change the border of an element to XYZ 43.5571, 58.6473, 90.6857 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(68, 220, 239) }
```


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

```
.border{ border-color:rgb(68, 220, 239) }
```

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

Here you see how a box with a 4 pixel rgb(68, 220, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 220, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 220, 239);  
box-shadow:4px 4px 4px 4px rgb(68, 220,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5571, 58.6473, 90.6857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 220, 239) }
```

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

```
.background{ background-color: rgb(68, 220,  
239) }
```

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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