

Converting Colors

XYZ(43.6956, 56.4398, 89.4799)

Have a look what the booklet for
XYZ(43.6956, 56.4398, 89.4799)
contains.

XYZ(43.6956, 56.4398, 89.4799)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.6956, 56.4398,
89.4799)**

Conversions

Conversions Part 1

Format	Color
Hex	5AD6EE
RGB	90, 214, 238
RGB Percent	35%, 84%, 93%
CMY	0.6470, 0.1608, 0.0667
CMYK	0.62, 0.10, 0.00, 0.07
HSL	190°, 81%, 64%
HSV	190°, 62%, 93%
XYZ	43.6956, 56.4398, 89.4799
YIQ	179.6600, -81.6080, -18.8240

Conversions

Conversions Part 2

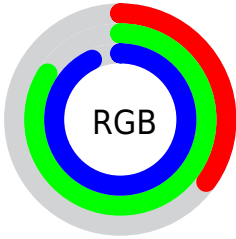
Format	Color
RYB	90, 157, 238
Decimal	5953262
CIELab	79.86, -27.31, -22.05
CIELCh	80, 35.102, 218.922
Yxy	56.4398, 0.2304, 0.2977
Android (android.graphics.Color)	4284143342 (0xFF5AD6EE)
YUV	179.6600, 28.7616, -78.6318
Hunter-Lab	75.1264, -27.6507, -18.0293

Details

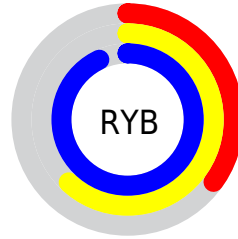
The XYZ color **43.6956, 56.4398, 89.4799** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **43.1242, 30.9517, 13.3760**, and the grayscale version is **43.0843, 45.3280, 49.3622**.

A 20% lighter version of the original color is **66.9469, 85.5123, 107.5848**, and **20.8416, 28.1737, 48.5956** is the 20% darker color. If you saturate the color by 10%, you get **40.7757, 53.5028, 89.0679**, and if you desaturate by 10%, it is **47.3831, 59.8092, 89.9370**.

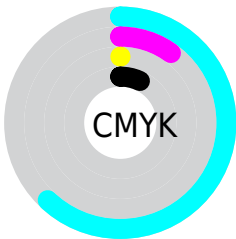
Distribution



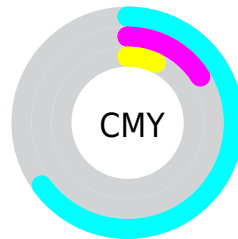
- Red (35%)
- Green (84%)
- Blue (93%)



- Red (35%)
- Yellow (62%)
- Blue (93%)



- Cyan (62%)
- Magenta (10%)
- Yellow (0%)
- Black (7%)



- Cyan (65%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.6956, 56.4398, 89.4799 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 43.6956, 56.4398, 89.4799 by changing the saturation by 10% instead.

43.6956, 56.4398,
89.4799

43.6956, 56.4398,
89.4799

352.3379,
411.3468, 546.8639

30.6282, 40.5556,
66.9781

80.0087, 99.6473,
148.5449

20.4663, 27.9720,
48.6053

103.9850,
127.7395, 185.9452

12.8447, 18.3046,
33.9431

132.3284,
160.6698, 229.1488

7.3979, 11.1689,
22.5729

165.4041,
198.8226, 278.5741

3.7607, 6.1805,
14.0761

203.5776,
242.5823, 334.6397

1.5677, 2.9552,
8.0343

247.2141,

0.3712, 1.1084,

292.3333, 397.7642

4.0288

296.6791,
348.4600, 468.3661

■ 0.0000, 0.0000,
1.6412

■ 0.0000, 0.0000,
0.3199

■ 43.6956, 56.4398,
89.4799

■ 43.6956, 56.4398,
89.4799

■ 40.7757, 53.5028,
89.0679

■ 47.3831, 59.8092,
89.9370

■ 38.5443, 50.9537,
88.6935

■ 51.8968, 63.6380,
90.4381

■ 36.9142, 48.7484,
88.3538

■ 57.2958, 67.9579,
90.9874

■ 35.9502, 47.2078,
88.1072

■ 63.6321, 72.7961,
91.5873

70.9536, 78.1775,
92.2401

79.3050, 84.1253,
92.9480

88.1337, 90.3548,
93.6851

89.2884, 92.6642,
94.0700

90.4674, 95.0223,
94.4630

Harmonies

Analogous

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



41.2403, 56.4398, 67.7278



43.6956, 56.4398, 89.4799



48.8763, 56.4398, 105.7048

Triad

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



43.6956, 56.4398, 89.4799



67.4387, 56.4398, 76.6372



51.5519, 56.4398, 30.3214

Complementary

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



43.6956, 56.4398, 89.4799



43.1242, 30.9517, 13.3760

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.



58.7128, 56.4398, 31.6812



43.6956, 56.4398, 89.4799



68.3152, 56.4398, 55.5789

Square

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



43.6956, 56.4398, 89.4799



62.7000, 56.4398, 97.2249



64.9990, 56.4398, 39.9910



45.5055, 56.4398, 35.7479

Rectangle

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



43.6956, 56.4398, 89.4799



53.3875, 56.4398, 109.5002



64.9990, 56.4398, 39.9910



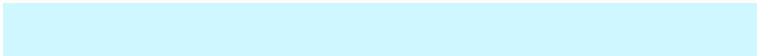
53.9020, 56.4398, 30.0309

Sweetspot

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



43.6974, 56.4419, 89.4813



76.9612, 87.0300, 107.3499



37.7283, 64.4984, 25.8506



15.9707, 18.2545, 22.9317



0.0000, 0.0000, 0.0000



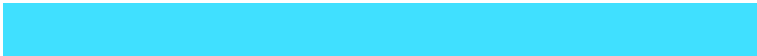
20.3446, 21.4041, 23.3091

Same Dimension

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



43.6974, 56.4419, 89.4813



46.8004, 61.6062, 104.0323



29.2941, 27.6354, 84.6802



16.0164, 17.4670, 20.2489



20.1371, 26.4984, 49.1812



1.7329, 2.3198, 4.1106

Inverse Universe

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



51.0552, 30.3462, 66.7869



56.5122, 30.2798, 73.3781



54.7080, 54.1194, 17.2373



16.3377, 15.9848, 19.3347



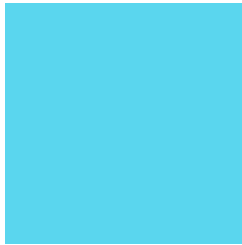
25.4899, 12.4684, 31.5599



2.1496, 1.0489, 2.7788

Previews

White Background



This preview shows how the XYZ color 43.6956, 56.4398, 89.4799 looks on a white background.

Color Contrast Check

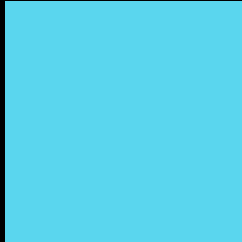
Large Text (above 18pt) WCAG AA × Fail

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 43.6956, 56.4398, 89.4799 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 43.6956, 56.4398, 89.4799

Background



This preview shows how black text looks on a background with the XYZ color 43.6956, 56.4398, 89.4799.



This preview shows how white text looks on a background with the XYZ color 43.6956, 56.4398,

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

43.6956, 56.4398, 89.4799

Protanopia

54.5916, 55.5428, 79.0777

Deuteranopia

56.9859, 55.8175, 92.5644



Tritanopia

42.7964, 56.4533, 84.9849

Trichromacy



Original Color

43.6956, 56.4398, 89.4799

Protanomaly

48.7299, 54.8243, 82.8767

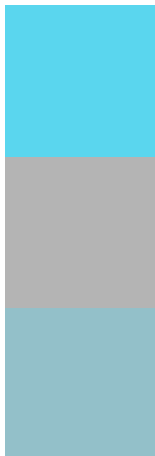
Deuteranomaly

50.2814, 55.0927, 91.2029

Tritanomaly

43.1762, 56.6161, 86.4943

Monochromacy



Original Color

43.6956, 56.4398, 89.4799

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

41.4249, 48.1194, 62.3630

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6956, 56.4398, 89.4799 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(90, 214, 238)` looks like.

```
.text, #text, p{  
    color:rgb(90, 214, 238)  
}
```

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(90, 214, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 214, 238) }
```

Border

The CSS property to change the border of an element to XYZ 43.6956, 56.4398, 89.4799 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(90, 214, 238) }
```


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

```
.border{ border-color:rgb(90, 214, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 214, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 214, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 214, 238);  
box-shadow:4px 4px 4px 4px rgb(90, 214,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6956, 56.4398, 89.4799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 214, 238) }
```

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

```
.background{ background-color: rgb(90, 214,  
238) }
```

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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