

Converting Colors

XYZ(35.0386, 43.5539, 75.6673)

Have a look what the booklet for
XYZ(35.0386, 43.5539, 75.6673)
contains.

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Color

**XYZ(35.0386, 43.5539,
75.6673)**

Conversions

Conversions Part 1

Format	Color
Hex	54BDDE
RGB	84, 189, 222
RGB Percent	33%, 74%, 87%
CMY	0.6706, 0.2588, 0.1294
CMYK	0.62, 0.15, 0.00, 0.13
HSL	194°, 68%, 60%
HSV	194°, 62%, 87%
XYZ	35.0386, 43.5539, 75.6673
YIQ	161.3670, -73.1730, -11.9970

Conversions

Conversions Part 2

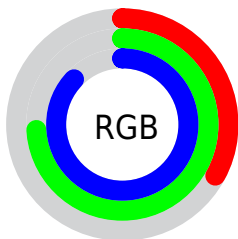
Format	Color
RYB	84, 144, 222
Decimal	5553630
CIELab	71.93, -20.49, -25.55
CIELCh	72, 32.752, 231.269
Yxy	43.5539, 0.2271, 0.2823
Android (android.graphics.Color)	4283743710 (0xFF54BDDE)
YUV	161.3670, 29.8921, -67.8509
Hunter-Lab	65.9954, -20.7218, -21.7825

Details

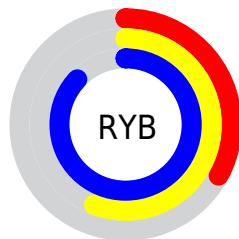
The XYZ color **35.0386, 43.5539, 75.6673** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **38.0872, 28.8942, 11.9589**, and the grayscale version is **33.9382, 35.7056, 38.8834**.

A 20% lighter version of the original color is **62.5565, 78.6358, 106.4889**, and **15.7792, 20.3983, 39.6648** is the 20% darker color. If you saturate the color by 10%, you get **32.2365, 40.4458, 75.2159**, and if you desaturate by 10%, it is **38.5148, 47.0733, 76.1642**.

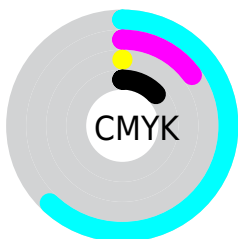
Distribution



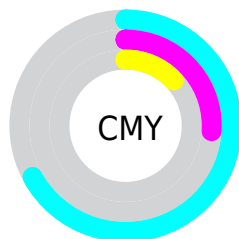
- Red (33%)
- Green (74%)
- Blue (87%)



- Red (33%)
- Yellow (56%)
- Blue (87%)



- Cyan (62%)
- Magenta (15%)
- Yellow (0%)
- Black (13%)



- Cyan (67%)
- Magenta (26%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0386, 43.5539, 75.6673 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 35.0386, 43.5539, 75.6673 by changing the saturation by 10% instead.

■ 35.0386, 43.5539,
75.6673

■ 35.0386, 43.5539,
75.6673

316.2437,
360.8847, 499.5245

■ 23.8593, 30.3200,
55.6547

■ 66.8792, 80.5461,
129.0123

■ 15.3534, 20.0816,
39.5240

■ 88.2712, 105.0730,
163.1818

■ 9.1557, 12.4544,
26.8567

■ 113.7980,
134.1332, 202.9073

■ 4.9008, 7.0539,
17.2341

■ 143.8252,
168.1108, 248.6074

■ 2.2233, 3.4958,
10.2378

178.7180,
207.3904, 300.7006

■ 0.7550, 1.3957,
5.4493

218.8418,

■ 0.0000, 0.2136,

252.3564, 359.6055

2.4499

264.5619,
303.3930, 425.7407

■ 0.0000, 0.0000,
0.8134

■ 0.0000, 0.0000,
0.0000

■ 35.0386, 43.5539,
75.6673

■ 35.0386, 43.5539,
75.6673

■ 32.2365, 40.4458,
75.2159

■ 38.5148, 47.0733,
76.1642

■ 30.0420, 37.7115,
74.8038


■ 42.7150, 51.0277,
76.7061


■ 28.3817, 35.3134,
74.4284


■ 47.6892, 55.4445,
77.2965


■ 27.3569, 33.6178,
74.1551


■ 53.4816, 60.3471,
77.9375

 60.1327, 65.7569,
78.6311

 67.6806, 71.6942,
79.3793

 76.1608, 78.1779,
80.1839

 83.1334, 83.9508,
80.9306

 84.6459, 86.9759,
81.4348

Harmonies

Analogous

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



32.1795, 43.5539, 59.4688



35.0386, 43.5539, 75.6673



39.7889, 43.5539, 84.7511

Triad

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



35.0386, 43.5539, 75.6673



52.9361, 43.5539, 52.2428



37.6244, 43.5539, 24.1601

Complementary

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



35.0386, 43.5539, 75.6673



38.0872, 28.8942, 11.9589

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.



43.0471, 43.5539, 23.0687



35.0386, 43.5539, 75.6673



52.2246, 43.5539, 37.1243

Square

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



35.0386, 43.5539, 75.6673



50.3457, 43.5539, 69.3692



48.4808, 43.5539, 27.2599



33.5764, 43.5539, 30.6749

Rectangle

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



35.0386, 43.5539, 75.6673



43.5295, 43.5539, 84.4033



48.4808, 43.5539, 27.2599



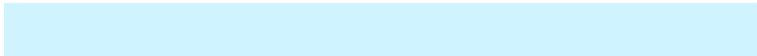
39.3346, 43.5539, 23.2153

Sweetspot

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



35.0400, 43.5555, 75.6684



75.8312, 84.7700, 106.9732



32.9429, 55.3942, 25.5419



15.6946, 17.7023, 22.8396



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.



35.0400, 43.5555, 75.6684



43.0139, 54.0332, 102.7701



23.6557, 20.7869, 71.8736



13.8243, 14.9878, 17.5520



16.3393, 20.1482, 44.0762



1.2002, 1.5318, 3.0777

Inverse Universe

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



42.4811, 25.5459, 50.8374



54.6009, 29.5153, 63.3136



49.1166, 50.9530, 15.6353



14.1475, 13.8767, 16.5471



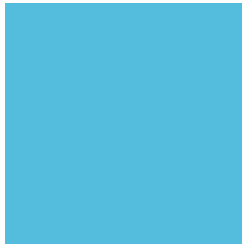
22.1875, 10.9420, 23.4511



1.5721, 0.7721, 1.8053

Previews

White Background



This preview shows how the XYZ color 35.0386, 43.5539, 75.6673 looks on a white background.

Color Contrast Check

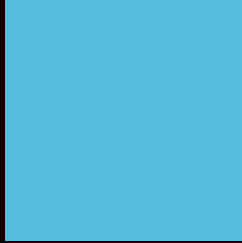
Large Text (above 18pt) WCAG AA × Fail

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 35.0386, 43.5539, 75.6673 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

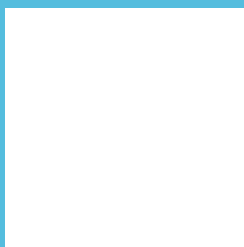
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.0386, 43.5539, 75.6673

Background



This preview shows how black text looks on a background with the XYZ color 35.0386, 43.5539, 75.6673.

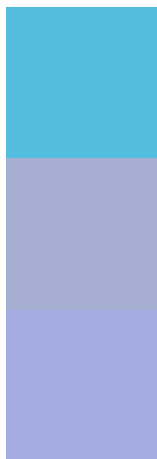


This preview shows how white text looks on a background with the XYZ color 35.0386, 43.5539,

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

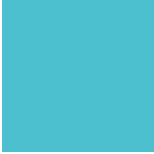
35.0386, 43.5539, 75.6673

Protanopia

42.8303, 43.1907, 67.7073

Deuteranopia

43.9970, 42.9954, 77.9315



Tritanopia

33.1727, 43.7820, 65.7339

Trichromacy



Original Color

35.0386, 43.5539, 75.6673

Protanomaly

38.7024, 42.4649, 70.4467

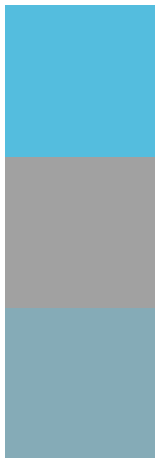
Deuteranomaly

39.6643, 42.5113, 77.3491

Tritanomaly

33.8227, 43.7205, 68.9436

Monochromacy



Original Color

35.0386, 43.5539, 75.6673

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.7830, 37.5313, 50.3162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0386, 43.5539, 75.6673 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(84, 189, 222)` looks like.

```
.text, #text, p{  
    color:rgb(84, 189, 222)  
}
```

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(84, 189, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 189, 222) }
```

Border

The CSS property to change the border of an element to XYZ 35.0386, 43.5539, 75.6673 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(84, 189, 222) }
```


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

```
.border{ border-color:rgb(84, 189, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 189, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 189, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 189, 222);  
box-shadow:4px 4px 4px 4px rgb(84, 189,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0386, 43.5539, 75.6673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 189, 222) }
```

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

```
.background{ background-color: rgb(84, 189,  
222) }
```

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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