

Converting Colors

XYZ(50.7842, 58.9622,
140.2253)

Have a look what the booklet for
XYZ(50.7842, 58.9622, 140.2253)
contains.

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Color

**XYZ(43.7275, 56.1539,
103.1418)**

Conversions

Conversions Part 1

Format	Color
Hex	38D6FF
RGB	56, 214, 255
RGB Percent	22%, 84%, 100%
CMY	0.7803, 0.1608, 0.0000
CMYK	0.78, 0.16, 0.00, 0.00
HSL	192°, 100%, 61%
HSV	192°, 78%, 100%
XYZ	43.7275, 56.1539, 103.1418
YIQ	171.4320, -107.3290, -20.7450

Conversions

Conversions Part 2

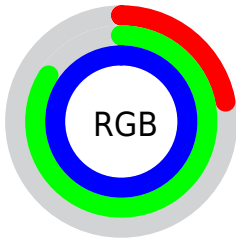
Format	Color
RYB	56, 144, 255
Decimal	3725055
CIELab	79.70, -26.52, -31.42
CIELCh	80, 41.113, 229.837
Yxy	56.1539, 0.2154, 0.2766
Android (android.graphics.Color)	4281915135 (0xFF38D6FF)
YUV	171.4320, 41.1990, -101.2339
Hunter-Lab	74.9359, -26.9774, -29.1516

Details

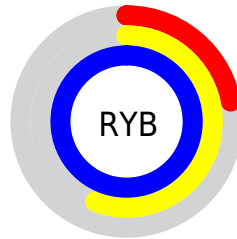
The XYZ color **43.7275, 56.1539, 103.1418** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **46.2303, 30.0979, 7.1166**, and the grayscale version is **38.7670, 40.7859, 44.4158**.

A 20% lighter version of the original color is **63.4829, 83.7265, 107.4227**, and **22.5912, 28.8735, 57.8085** is the 20% darker color. If you saturate the color by 10%, you get **41.3396, 52.9817, 102.6554**, and if you desaturate by 10%, it is **46.8864, 59.7894, 103.6771**.

Distribution



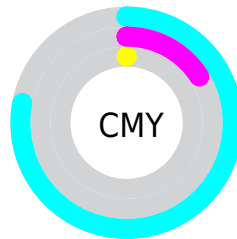
- Red (22%)
- Green (84%)
- Blue (100%)



- Red (22%)
- Yellow (56%)
- Blue (100%)



- Cyan (78%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (78%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7275, 56.1539, 103.1418 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 43.7275, 56.1539, 103.1418 by changing the saturation by 10% instead.

43.7275, 56.1539,
103.1418

43.7275, 56.1539,
103.1418

352.4661,
410.2712, 591.5518

30.6533, 40.3263,
78.2955

80.0564, 99.2296,
167.5575

20.4855, 27.7931,
57.7989

104.0419,
127.2464, 207.9640

12.8588, 18.1697,
41.2333

132.3952,
160.0952, 254.3943

7.4077, 11.0719,
28.1804

165.4816,
198.1603, 307.2669

3.7669, 6.1152,
18.2215

203.6666,
241.8260, 367.0004

1.5711, 2.9153,
10.9380

247.3154,

0.3735, 1.0877,

291.4768, 434.0134

5.9115

296.7935,
347.4971, 508.7243

■ 0.0000, 0.0000,
2.7234

■ 0.0000, 0.0000,
0.9552

■ 43.7275, 56.1539,
103.1418

■ 43.7275, 56.1539,
103.1418

■ 41.3396, 52.9817,
102.6554

■ 46.8864, 59.7894,
103.6771

■ 39.5858, 50.1984,
102.2106

■ 50.9087, 63.9331,
104.2649

■ 39.2789, 49.6778,
102.1263

■ 55.8782, 68.6300,
104.9096

■ 61.8677, 73.9181,
105.6146

■ 68.9422, 79.8315,
106.3831

■ 77.1614, 86.4015,
107.2181

■ 86.5805, 93.6572,
108.1221

■ 95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



39.7246, 56.1539, 77.9995



43.7275, 56.1539, 103.1418



50.6060, 56.1539, 118.0633

Triad

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



43.7275, 56.1539, 103.1418



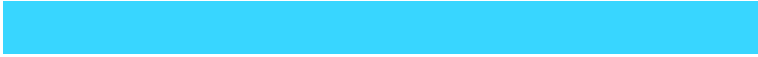
70.6718, 56.1539, 69.5662



48.1383, 56.1539, 27.4398

Complementary

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



43.7275, 56.1539, 103.1418



46.2303, 30.0979, 7.1166

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.



56.2383, 56.1539, 26.2870



43.7275, 56.1539, 103.1418



69.8353, 56.1539, 46.9073

Square

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



43.7275, 56.1539, 103.1418



66.5206, 56.1539, 95.6099



64.3409, 56.1539, 32.4435



42.0824, 56.1539, 36.1483

Rectangle

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



43.7275, 56.1539, 103.1418



56.1457, 56.1539, 118.1334



64.3409, 56.1539, 32.4435



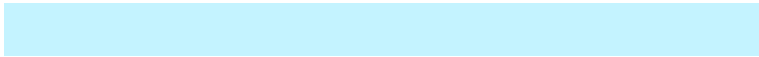
50.6924, 56.1539, 26.2612

Sweetspot

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



43.7292, 56.1558, 103.1421



72.9316, 83.0537, 106.7948



39.4947, 73.2024, 23.0695



14.9910, 17.2781, 22.7949



0.0000, 0.0000, 0.0000



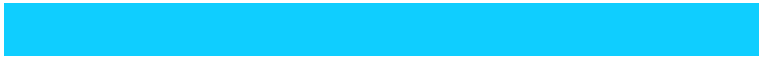
20.3446, 21.4041, 23.3091

Same Dimension

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



43.7292, 56.1558, 103.1421



40.2303, 51.2808, 102.3856



25.8942, 20.4859, 97.1971



18.2184, 19.8084, 23.1131



20.6347, 26.1791, 53.4001



2.0854, 2.7015, 5.2248

Inverse Universe

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



54.7930, 28.9453, 66.3193



52.5088, 26.0477, 60.4068



61.5379, 60.7129, 12.2191



18.6229, 18.2325, 21.8972



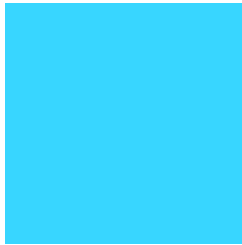
27.2037, 13.3708, 30.7866



2.6872, 1.3173, 3.2003

Previews

White Background



This preview shows how the XYZ color 43.7275, 56.1539, 103.1418 looks on a white background.

Color Contrast Check

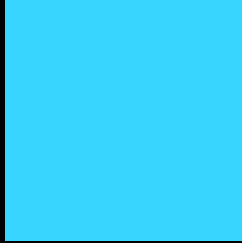
Large Text (above 18pt) WCAG AA × Fail

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 43.7275, 56.1539, 103.1418 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 43.7275, 56.1539, 103.1418

Background



This preview shows how black text looks on a background with the XYZ color 43.7275, 56.1539, 103.1418.

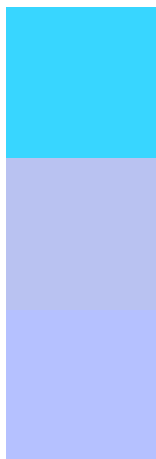


This preview shows how white text looks on a background with the XYZ color 43.7275, 56.1539,

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

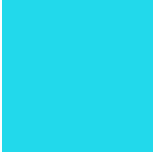
43.7275, 56.1539, 103.1418

Protanopia

55.1766, 55.2487, 90.9750

Deuteranopia

56.1760, 55.1837, 102.2985



Tritanopia

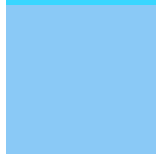
40.4679, 55.9639, 87.2665

Trichromacy



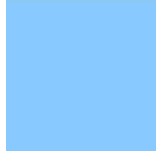
Original Color

43.7275, 56.1539, 103.1418



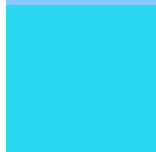
Protanomaly

48.0024, 53.8304, 95.0491



Deuteranomaly

49.0900, 54.2275, 102.4874



Tritanomaly

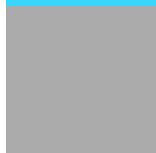
41.5377, 56.0148, 92.6271

Monochromacy



Original Color

43.7275, 56.1539, 103.1418



Achromatopsia

38.7082, 40.7240, 44.3485



Achromatomaly

37.4843, 44.4720, 62.4854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7275, 56.1539, 103.1418 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(56, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(56, 214, 255)  
}
```

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(56, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 214, 255) }
```

Border

The CSS property to change the border of an element to XYZ 43.7275, 56.1539, 103.1418 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(56, 214, 255) }
```


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

```
.border{ border-color:rgb(56, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(56, 214,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7275, 56.1539, 103.1418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 214, 255) }
```

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

```
.background{ background-color: rgb(56, 214,  
255) }
```

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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