

Converting Colors

XYZ(43.2095, 57.5787, 82.2399)

Have a look what the booklet for
XYZ(43.2095, 57.5787, 82.2399)
contains.

XYZ(43.1308, 57.4513, 82.2148)	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(43.1308, 57.4513,
82.2148)**

Conversions

Conversions Part 1

Format	Color
Hex	5BD9E4
RGB	91, 217, 228
RGB Percent	36%, 85%, 89%
CMY	0.6431, 0.1490, 0.1059
CMYK	0.60, 0.05, 0.00, 0.11
HSL	185°, 72%, 63%
HSV	185°, 60%, 89%
XYZ	43.1308, 57.4513, 82.2148
YIQ	180.5800, -78.6270, -23.2910

Conversions

Conversions Part 2

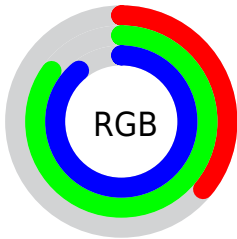
Format	Color
RYB	91, 157, 228
Decimal	6019556
CIELab	80.43, -31.43, -15.86
CIELCh	80, 35.206, 206.771
Yxy	57.4513, 0.2359, 0.3143
Android (android.graphics.Color)	4284209636 (0xFF5BD9E4)
YUV	180.5800, 23.3781, -78.5617
Hunter-Lab	75.7966, -31.0717, -11.2528

Details

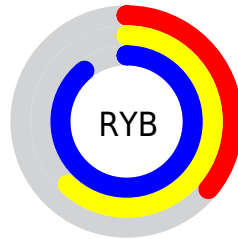
The XYZ color **43.1308, 57.4513, 82.2148** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **38.6358, 26.7533, 13.0266**, and the grayscale version is **43.6044, 45.8753, 49.9582**.

A 20% lighter version of the original color is **67.1364, 85.6100, 107.5937**, and **20.4632, 28.8578, 44.0268** is the 20% darker color. If you saturate the color by 10%, you get **40.7466, 55.5269, 81.9701**, and if you desaturate by 10%, it is **46.2063, 59.7424, 82.4960**.

Distribution



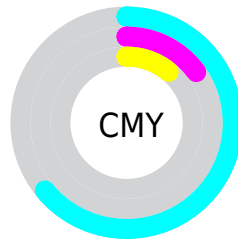
- Red (36%)
- Green (85%)
- Blue (89%)



- Red (36%)
- Yellow (62%)
- Blue (89%)



- Cyan (60%)
- Magenta (5%)
- Yellow (0%)
- Black (11%)





- Cyan (64%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1308, 57.4513, 82.2148 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 43.1308, 57.4513, 82.2148 by changing the saturation by 10% instead.


 43.1308, 57.4513,
82.2148


 43.1308, 57.4513,
82.2148


350.0618,
415.1382, 522.2682


 30.1827, 41.3677,
61.0058


 79.1627, 101.1234,
138.3146

 20.1261, 28.6065,
43.7992


 102.9772,
129.4807, 174.0424

 12.5955, 18.7833,
30.1767


 131.1446,
162.6979, 215.4469

 7.2257, 11.5138,
19.7195

 164.0302,
201.1596, 262.9465

 3.6512, 6.4136,
12.0093

201.9993,
245.2501, 316.9600

 1.5068, 3.0981,
6.6274

245.4174,

 0.3304, 1.1832,

295.3538, 377.9057

3.1553

294.6498,
351.8550, 446.2023

■ 0.0000, 0.0479,
1.1745

■ 0.0000, 0.0000,
0.0000

■ 43.1308, 57.4513,
82.2148

■ 43.1308, 57.4513,
82.2148

■ 40.7466, 55.5269,
81.9701

■ 46.2063, 59.7424,
82.4960

■ 38.9845, 53.9297,
81.7546

■ 50.0239, 62.4225,
82.8121

■ 37.7699, 52.6225,
81.5663

■ 54.6356, 65.5198,
83.1669

■ 36.9757, 51.5454,
81.4003

■ 60.0873, 69.0581,
83.5625

66.4213, 73.0590,
84.0009

73.6772, 77.5431,
84.4840

81.8920, 82.5294,
85.0135

84.0011, 84.3761,
85.2587

84.5180, 85.4099,
85.4310

Harmonies

Analogous

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



41.8909, 57.4513, 60.3427



43.1308, 57.4513, 82.2148



47.3496, 57.4513, 102.0301

Triad

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



43.1308, 57.4513, 82.2148



67.0540, 57.4513, 86.9554



55.3911, 57.4513, 30.6766

Complementary

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



43.1308, 57.4513, 82.2148



38.6358, 26.7533, 13.0266

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.



62.5677, 57.4513, 34.8547



43.1308, 57.4513, 82.2148



69.6636, 57.4513, 64.8201

Square

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



43.1308, 57.4513, 82.2148



61.0969, 57.4513, 105.1635



67.9543, 57.4513, 46.3088



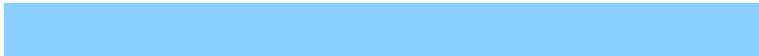
48.5914, 57.4513, 33.3607

Rectangle

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



43.1308, 57.4513, 82.2148



51.4915, 57.4513, 109.7597



67.9543, 57.4513, 46.3088



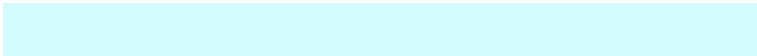
57.8431, 57.4513, 31.2973

Sweetspot

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



43.1326, 57.4535, 82.2162



78.9685, 89.9813, 107.8138



34.3659, 58.6349, 21.5985



16.4234, 18.9536, 23.0427



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.



43.1326, 57.4535, 82.2162



51.9148, 71.0484, 105.5853



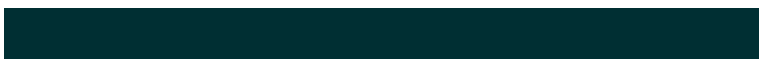
29.2845, 29.7573, 77.6001



14.7033, 16.1279, 18.4824



21.3921, 29.8462, 47.0166



1.6103, 2.2645, 3.4842

Inverse Universe

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



48.2619, 28.9875, 68.6994



59.2857, 32.1243, 85.7170



48.0045, 45.4907, 16.1495



14.9426, 14.5942, 17.8979



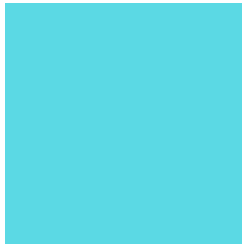
25.1912, 12.2107, 36.2316



1.8764, 0.9083, 2.7558

Previews

White Background



This preview shows how the XYZ color 43.1308, 57.4513, 82.2148 looks on a white background.

Color Contrast Check

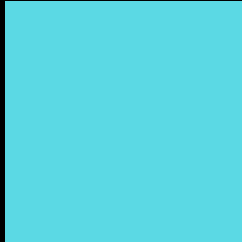
Large Text (above 18pt) WCAG AA × Fail

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 43.1308, 57.4513, 82.2148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

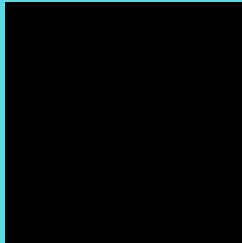
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1308, 57.4513, 82.2148

Background



This preview shows how black text looks on a background with the XYZ color 43.1308, 57.4513, 82.2148.

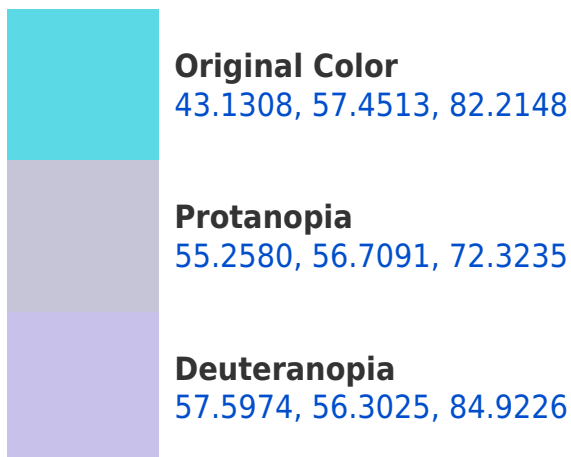


This preview shows how white text looks on a background with the XYZ color 43.1308, 57.4513,

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





Tritanopia

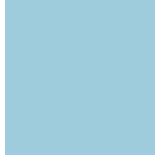
43.9214, 57.3794, 86.6023

Trichromacy



Original Color

43.1308, 57.4513, 82.2148



Protanomaly

48.6117, 55.6221, 75.8842



Deuteranomaly

50.0415, 55.4842, 83.6733



Tritanomaly

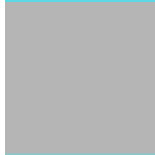
43.5350, 57.2132, 85.0927

Monochromacy



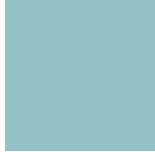
Original Color

43.1308, 57.4513, 82.2148



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

41.6976, 48.9567, 60.6780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1308, 57.4513, 82.2148 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(91, 217, 228)` looks like.

```
.text, #text, p{  
    color:rgb(91, 217, 228)  
}
```

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(91, 217, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 217, 228) }
```

Border

The CSS property to change the border of an element to XYZ 43.1308, 57.4513, 82.2148 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(91, 217, 228) }
```


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

```
.border{ border-color:rgb(91, 217, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 217, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 217, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 217, 228);  
box-shadow:4px 4px 4px 4px rgb(91, 217,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1308, 57.4513, 82.2148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 217, 228) }
```

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

```
.background{ background-color: rgb(91, 217,  
228) }
```

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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