

Converting Colors

XYZ(43.1165, 57.3293, 87.3905)

Have a look what the booklet for
XYZ(43.1165, 57.3293, 87.3905)
contains.

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Color

**XYZ(43.1165, 57.3293,
87.3905)**

Conversions

Conversions Part 1

Format	Color
Hex	50D9EB
RGB	80, 217, 235
RGB Percent	31%, 85%, 92%
CMY	0.6862, 0.1490, 0.0784
CMYK	0.66, 0.08, 0.00, 0.08
HSL	187°, 79%, 62%
HSV	187°, 66%, 92%
XYZ	43.1165, 57.3293, 87.3905
YIQ	178.0890, -87.4300, -23.4460

Conversions

Conversions Part 2

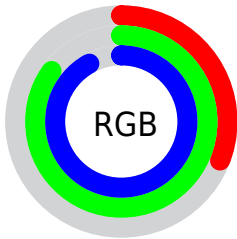
Format	Color
RYB	80, 153, 235
Decimal	5298667
CIELab	80.36, -31.18, -19.72
CIELCh	80, 36.893, 212.310
Yxy	57.3293, 0.2295, 0.3052
Android (android.graphics.Color)	4283488747 (0xFF50D9EB)
YUV	178.0890, 28.0571, -86.0241
Hunter-Lab	75.7161, -30.8565, -15.4304

Details

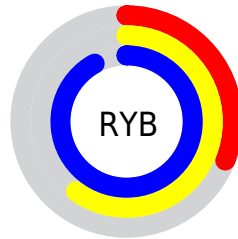
The XYZ color **43.1165, 57.3293, 87.3905** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **40.0781, 26.9785, 10.6862**, and the grayscale version is **42.2554, 44.4560, 48.4126**.

A 20% lighter version of the original color is **65.6641, 84.8510, 107.5248**, and **21.0570, 29.0953, 47.1540** is the 20% darker color. If you saturate the color by 10%, you get **40.7711, 55.0858, 87.0821**, and if you desaturate by 10%, it is **46.1706, 59.9579, 87.7380**.

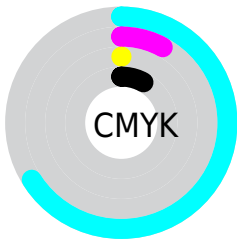
Distribution



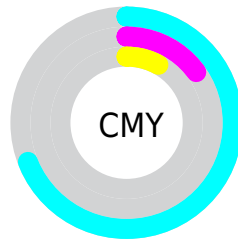
- Red (31%)
- Green (85%)
- Blue (92%)



- Red (31%)
- Yellow (60%)
- Blue (92%)



- Cyan (66%)
- Magenta (8%)
- Yellow (0%)
- Black (8%)





- Cyan (69%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1165, 57.3293, 87.3905 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 43.1165, 57.3293, 87.3905 by changing the saturation by 10% instead.


 43.1165, 57.3293,
87.3905


 43.1165, 57.3293,
87.3905


350.0041,
414.6821, 539.8547


 30.1715, 41.2697,
65.2569


 79.1412, 100.9455,
145.6120


 20.1175, 28.5299,
47.2168

 102.9517,
129.2709, 182.5370

 12.5892, 18.7255,
32.8515


 131.1146,
162.4537, 225.2295

 7.2213, 11.4721,
21.7425

 163.9953,
200.8782, 274.1082

 3.6485, 6.3853,
13.4713

201.9593,
244.9290, 329.5915

 1.5052, 3.0808,
7.6194

245.3719,

 0.3294, 1.1740,

294.9902, 392.0980

3.7681

294.5983,
351.4465, 462.0462

■ 0.0000, 0.0403,
1.4990

■ 0.0000, 0.0000,
0.2172

■ 43.1165, 57.3293,
87.3905

■ 43.1165, 57.3293,
87.3905

■ 40.7711, 55.0858,
87.0821

■ 46.1706, 59.9579,
87.7380

■ 39.0531, 53.1816,
86.8052


■ 49.9933, 62.9988,
88.1234


■ 37.8701, 51.5705,
86.5565


■ 54.6438, 66.4839,
88.5510


■ 37.4814, 50.9698,
86.4611


■ 60.1744, 70.4402,
89.0232

 66.6327, 74.8924,
89.5421

 74.0631, 79.8633,
90.1100

 82.5070, 85.3745,
90.7287

 87.0537, 88.8944,
91.1685

 87.8580, 90.5030,
91.4366

Harmonies

Analogous

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



41.2315, 57.3293, 64.1132



43.1165, 57.3293, 87.3905



48.0174, 57.3293, 106.9569

Triad

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



43.1165, 57.3293, 87.3905



68.3842, 57.3293, 83.8071



53.9066, 57.3293, 29.4096

Complementary

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



43.1165, 57.3293, 87.3905



40.0781, 26.9785, 10.6862

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.



61.5191, 57.3293, 32.3664



43.1165, 57.3293, 87.3905



70.3232, 57.3293, 60.7605

Square

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



43.1165, 57.3293, 87.3905



62.6248, 57.3293, 104.5745



67.7055, 57.3293, 42.7292



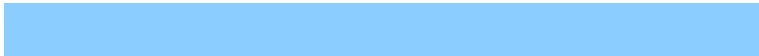
47.0916, 57.3293, 33.4604

Rectangle

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



43.1165, 57.3293, 87.3905



52.5700, 57.3293, 113.3643



67.7055, 57.3293, 42.7292



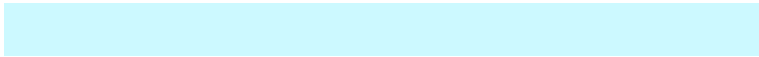
56.4558, 57.3293, 29.6160

Sweetspot

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



43.1183, 57.3314, 87.3919



76.8515, 87.8568, 107.5153



35.1065, 61.9589, 21.0570



15.9835, 18.4832, 22.9751



0.0000, 0.0000, 0.0000



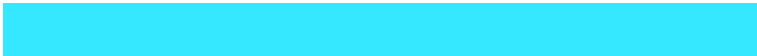
20.3446, 21.4041, 23.3091

Same Dimension

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



43.1183, 57.3314, 87.3919



48.2933, 65.4840, 104.7021



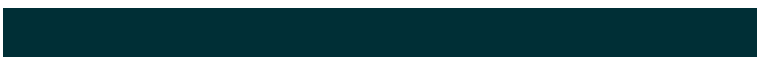
27.9785, 27.0519, 82.3453



15.3597, 16.8058, 19.3565



20.9209, 28.4888, 48.1392



1.6852, 2.3218, 3.7942

Inverse Universe

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



49.6555, 28.4110, 68.5145



57.0480, 29.6605, 78.7697



50.6542, 48.1306, 14.2115



15.6351, 15.2819, 18.6297



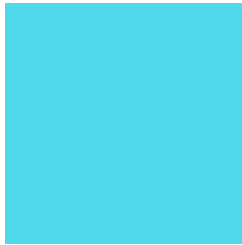
25.4152, 12.3688, 34.3174



2.0171, 0.9798, 2.8073

Previews

White Background



This preview shows how the XYZ color 43.1165, 57.3293, 87.3905 looks on a white background.

Color Contrast Check

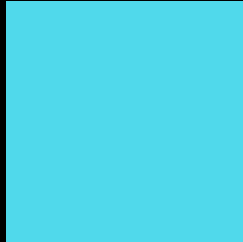
Large Text (above 18pt) WCAG AA × Fail

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 43.1165, 57.3293, 87.3905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

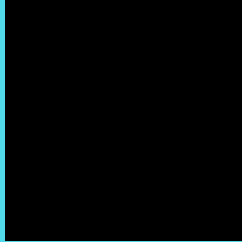
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1165, 57.3293, 87.3905

Background



This preview shows how black text looks on a background with the XYZ color 43.1165, 57.3293, 87.3905.



This preview shows how white text looks on a background with the XYZ color 43.1165, 57.3293,

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

43.1165, 57.3293, 87.3905

Protanopia

55.1729, 56.2231, 77.0515

Deuteranopia

57.7849, 56.6106, 90.3194



Tritanopia

43.1165, 57.3293, 87.3905

Trichromacy



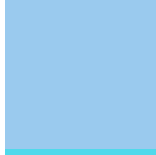
Original Color

43.1165, 57.3293, 87.3905



Protanomaly

48.5949, 55.5041, 80.8252



Deuteranomaly

49.8796, 55.2841, 88.9309



Tritanomaly

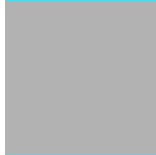
43.1165, 57.3293, 87.3905

Monochromacy



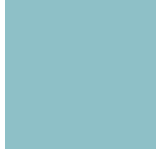
Original Color

43.1165, 57.3293, 87.3905



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

40.3138, 47.5736, 61.0907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1165, 57.3293, 87.3905 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(80, 217, 235)` looks like.

```
.text, #text, p{  
    color:rgb(80, 217, 235)  
}
```

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(80, 217, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 217, 235) }
```

Border

The CSS property to change the border of an element to XYZ 43.1165, 57.3293, 87.3905 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(80, 217, 235) }
```


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

```
.border{ border-color:rgb(80, 217, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 217, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 217, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 217, 235);  
box-shadow:4px 4px 4px 4px rgb(80, 217,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1165, 57.3293, 87.3905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 217, 235) }
```

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

```
.background{ background-color: rgb(80, 217,  
235) }
```

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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