

Converting Colors

XYZ(43.0580, 46.8344, 65.8970)

Have a look what the booklet for
XYZ(43.0580, 46.8344, 65.8970)
contains.

XYZ(43.1195, 46.9937, 65.8295)	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(43.1195, 46.9937,
65.8295)**

Conversions

Conversions Part 1

Format	Color
Hex	9FBACF
RGB	159, 186, 207
RGB Percent	62%, 73%, 81%
CMY	0.3765, 0.2706, 0.1882
CMYK	0.23, 0.10, 0.00, 0.19
HSL	206°, 33%, 72%
HSV	206°, 23%, 81%
XYZ	43.1195, 46.9937, 65.8295
YIQ	180.3210, -22.8330, 0.8070

Conversions

Conversions Part 2

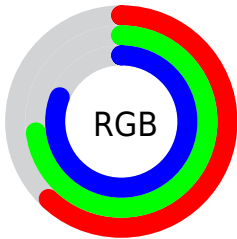
Format	Color
R _Y B	159, 176, 207
Decimal	10468047
CIE Lab	74.19, -4.54, -13.62
CIE LCh	74, 14.359, 251.570
Yxy	46.9937, 0.2765, 0.3014
Android (android.graphics.Color)	4288658127 (0xFF9FBACF)
YUV	180.3210, 13.1527, -18.6985
Hunter-Lab	68.5520, -7.6886, -8.9490

Details

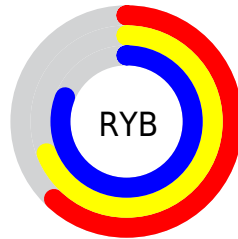
The XYZ color **43.1195, 46.9937, 65.8295** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.3120, 48.4115, 39.6002**, and the grayscale version is **43.4963, 45.7615, 49.8343**.

A 20% lighter version of the original color is **77.5337, 85.0204, 106.9319**, and **20.2007, 22.2008, 33.3575** is the 20% darker color. If you saturate the color by 10%, you get **37.5059, 41.3580, 65.0383**, and if you desaturate by 10%, it is **49.5443, 53.2295, 66.6953**.

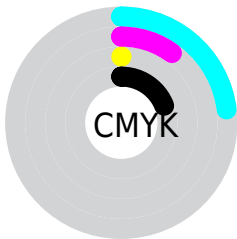
Distribution



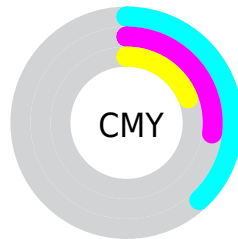
- Red (62%)
- Green (73%)
- Blue (81%)



- Red (62%)
- Yellow (69%)
- Blue (81%)



- Cyan (23%)
- Magenta (10%)
- Yellow (0%)
- Black (19%)



- Cyan (38%)
- Magenta (27%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.1195, 46.9937, 65.8295 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 43.1195, 46.9937, 65.8295 by changing the saturation by 10% instead.

■ 43.1195, 46.9937,
65.8295

■ 43.1195, 46.9937,
65.8295

350.0162,
374.7894, 464.1544

■ 30.1738, 33.0307,
47.6784

■ 79.1457, 85.7042,
114.8663

■ 20.1193, 22.1499,
33.2141

■ 102.9570,
111.2205, 146.5890

■ 12.5905, 13.9671,
22.0180

131.1209,
141.3567, 183.6727

■ 7.2223, 8.0978,
13.6717

164.0026,
176.4971, 226.5359

■ 3.6490, 4.1576,
7.7566

201.9677,
217.0262, 275.5971

■ 1.5056, 1.7621,
3.8540

245.3814,

■ 0.3296, 0.4634,

263.3283, 331.2749

1.5456

294.6091,
315.7879, 393.9878

■ 0.0000, 0.0000,
0.2516

■ 0.0000, 0.0000,
0.0000

■ 43.1195, 46.9937,
65.8295

■ 43.1195, 46.9937,
65.8295

■ 37.5059, 41.3580,
65.0383

■ 49.5443, 53.2295,
66.6953

■ 32.6628, 36.2944,
64.3162

■ 56.8100, 60.0803,
67.6347

■ 28.5521, 31.7813,
63.6618

■ 64.9499, 67.5676,
68.6508

■ 25.1307, 27.7929,
63.0723

■ 73.9944, 75.7101,
69.7458

■ 22.3503, 24.3006,
62.5447

■ 81.1574, 83.0745,
70.7898

■ 20.1557, 21.2722,
62.0758

■ 83.7620, 88.2838,
71.6580

■ 18.4806, 18.6698,
61.6618

■ 86.4997, 93.7593,
72.5705

■ 17.5595, 17.0988,
61.4071

■ 88.2626, 97.2851,
73.1582

Harmonies

Analogous

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



41.0644, 46.9937, 61.1625



43.1195, 46.9937, 65.8295



45.6663, 46.9937, 66.3501

Triad

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



43.1195, 46.9937, 65.8295



49.6929, 46.9937, 48.3772



41.4616, 46.9937, 41.2786

Complementary

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



43.1195, 46.9937, 65.8295



48.3120, 48.4115, 39.6002

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.



43.6807, 46.9937, 38.4990



43.1195, 46.9937, 65.8295



48.4725, 46.9937, 42.3266

Square

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



43.1195, 46.9937, 65.8295



49.5285, 46.9937, 55.7817



46.2493, 46.9937, 38.8633



40.1329, 46.9937, 46.8162

Rectangle

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



43.1195, 46.9937, 65.8295



47.3080, 46.9937, 64.2210



46.2493, 46.9937, 38.8633



42.1245, 46.9937, 40.0158

Sweetspot

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



43.1209, 46.9956, 65.8306



86.3445, 91.8889, 107.7932



44.8298, 55.2846, 51.3826



18.3276, 19.5234, 23.0524



0.0000, 0.0000, 0.0000



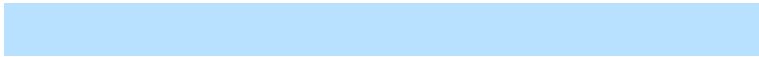
20.3446, 21.4041, 23.3091

Same Dimension

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



43.1209, 46.9956, 65.8306



64.3140, 70.5462, 104.8348



38.5173, 37.7884, 64.2960



11.7075, 12.5052, 15.0404



11.1589, 10.9643, 38.7207



0.7022, 0.7696, 2.1911

Inverse Universe

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



46.9944, 41.6081, 52.0107



71.7202, 60.7441, 78.2988



53.5364, 58.8602, 41.3416



12.0832, 11.9180, 13.7141



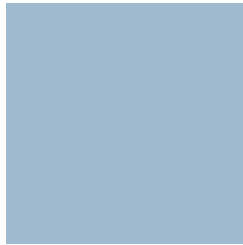
18.2632, 9.1781, 11.5581



1.0607, 0.5290, 0.8543

Previews

White Background



This preview shows how the XYZ color 43.1195, 46.9937, 65.8295 looks on a white background.

Color Contrast Check

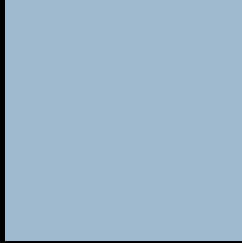
Large Text (above 18pt) WCAG AA × Fail

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 43.1195, 46.9937, 65.8295 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

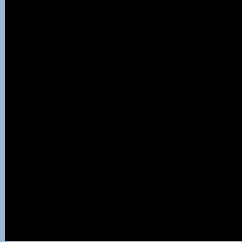
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

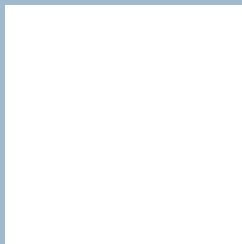
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.1195, 46.9937, 65.8295

Background



This preview shows how black text looks on a background with the XYZ color 43.1195, 46.9937, 65.8295.



This preview shows how white text looks on a background with the XYZ color 43.1195, 46.9937,

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

43.1195, 46.9937, 65.8295

Protanopia

46.0134, 46.9911, 63.7718

Deuteranopia

47.7243, 46.6125, 66.8034



Tritanopia

42.5315, 47.0740, 62.7217

Trichromacy



Original Color

43.1195, 46.9937, 65.8295

Protanomaly

44.9662, 47.0454, 64.4683

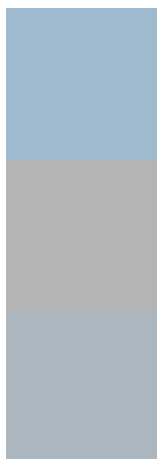
Deuteranomaly

45.8379, 46.5437, 66.2424

Tritanomaly

42.7700, 47.1694, 63.9771

Monochromacy



Original Color

43.1195, 46.9937, 65.8295

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

43.0355, 45.9443, 55.3151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1195, 46.9937, 65.8295 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(159, 186, 207)` looks like.

```
.text, #text, p{  
    color:rgb(159, 186, 207)  
}
```

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(159, 186, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 186, 207) }
```

Border

The CSS property to change the border of an element to XYZ 43.1195, 46.9937, 65.8295 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(159, 186, 207) }
```


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

```
.border{ border-color:rgb(159, 186, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 186, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 186, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 186, 207);  
box-shadow:4px 4px 4px 4px rgb(159, 186,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1195, 46.9937, 65.8295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 186, 207) }
```

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

```
.background{ background-color: rgb(159,  
186, 207) }
```

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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