

Converting Colors

XYZ(43.1918, 49.7329, 71.9045)

Have a look what the booklet for
XYZ(43.1918, 49.7329, 71.9045)
contains.

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Color

**XYZ(43.1085, 49.7761,
71.6257)**

Conversions

Conversions Part 1

Format	Color
Hex	8FC3D7
RGB	143, 195, 215
RGB Percent	56%, 76%, 84%
CMY	0.4392, 0.2353, 0.1569
CMYK	0.33, 0.09, 0.00, 0.16
HSL	197°, 47%, 70%
HSV	197°, 33%, 84%
XYZ	43.1085, 49.7761, 71.6257
YIQ	181.7320, -37.4120, -4.8040

Conversions

Conversions Part 2

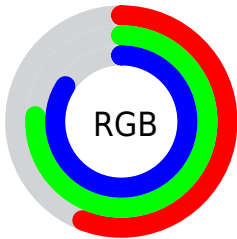
Format	Color
RYB	143, 173, 215
Decimal	9421783
CIELab	75.93, -12.10, -15.44
CIELCh	76, 19.613, 231.916
Yxy	49.7761, 0.2620, 0.3026
Android (android.graphics.Color)	4287611863 (0xFF8FC3D7)
YUV	181.7320, 16.4011, -33.9680
Hunter-Lab	70.5522, -14.4000, -10.8056

Details

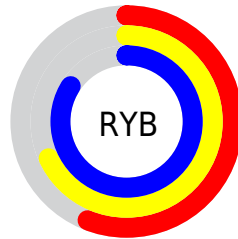
The XYZ color **43.1085, 49.7761, 71.6257** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.0802, 42.6252, 31.7866**, and the grayscale version is **44.2471, 46.5514, 50.6945**.

A 20% lighter version of the original color is **76.4136, 88.9829, 107.7557**, and **20.0865, 23.7615, 36.7855** is the 20% darker color. If you saturate the color by 10%, you get **38.4262, 45.4166, 71.0319**, and if you desaturate by 10%, it is **48.5607, 54.6143, 72.2731**.

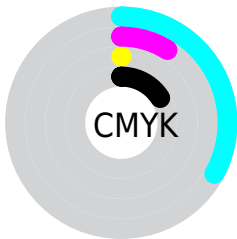
Distribution



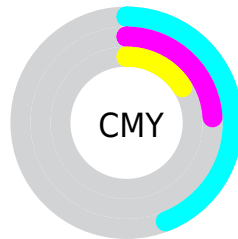
- Red (56%)
- Green (76%)
- Blue (84%)



- Red (56%)
- Yellow (68%)
- Blue (84%)



- Cyan (33%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)





- Cyan (44%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.1085, 49.7761, 71.6257 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 43.1085, 49.7761, 71.6257 by changing the saturation by 10% instead.


 43.1085, 49.7761,
71.6257


 43.1085, 49.7761,
71.6257

349.9717,
385.7897, 485.1802

 30.1651, 35.2355,
52.3680


 79.1293, 89.8430,
123.2270

 20.1127, 23.8444,
36.9142


 102.9374,
116.1382, 156.4077

 12.5857, 15.2182,
24.8458


131.0978,
147.1204, 195.0664

 7.2189, 8.9727,
15.7442

163.9758,
183.1739, 239.6218

 3.6469, 4.7234,
9.1910

201.9369,
224.6832, 290.4923

 1.5044, 2.0859,
4.7674

245.3464,

 0.3288, 0.6567,

272.0327, 348.0965

2.0551

294.5695,
325.6067, 412.8530

■ 0.0000, 0.0000,
0.5889

■ 0.0000, 0.0000,
0.0000

■ 43.1085, 49.7761,
71.6257

■ 43.1085, 49.7761,
71.6257

■ 38.4262, 45.4166,
71.0319

■ 48.5607, 54.6143,
72.2731

■ 34.4676, 41.5076,
70.4860

■ 54.8164, 59.9459,
72.9724

■ 31.1887, 38.0265,
69.9869

■ 61.9127, 65.7920,
73.7268

■ 28.5383, 34.9462,
69.5320

■ 69.8831, 72.1709,
74.5380

■ 26.4575, 32.2351,
69.1184

■ 78.7590, 79.0995,
75.4076

■ 24.8750, 29.8556,
68.7425

■ 82.0354, 83.2253,
76.0312

■ 24.0346, 28.4437,
68.5143

■ 83.7339, 86.6223,
76.5974

■ 85.4899, 90.1344,
77.1827

■ 87.3041, 93.7628,
77.7875

Harmonies

Analogous

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



41.0881, 49.7761, 62.0590



43.1085, 49.7761, 71.6257



46.3296, 49.7761, 76.6565

Triad

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



43.1085, 49.7761, 71.6257



54.6122, 49.7761, 57.0766



44.7368, 49.7761, 37.5934

Complementary

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



43.1085, 49.7761, 71.6257



46.0802, 42.6252, 31.7866

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.



48.3055, 49.7761, 36.6194



43.1085, 49.7761, 71.6257



54.1318, 49.7761, 47.0300

Square

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



43.1085, 49.7761, 71.6257



53.0582, 49.7761, 67.5787



51.7775, 49.7761, 39.8543



41.9940, 49.7761, 42.7110

Rectangle

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



43.1085, 49.7761, 71.6257



48.7760, 49.7761, 76.3626



51.7775, 49.7761, 39.8543



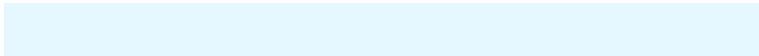
45.8750, 49.7761, 36.7995

Sweetspot

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



43.1100, 49.7781, 71.6269



84.0649, 91.0443, 107.7504



42.1686, 57.0573, 43.0676



17.6851, 19.2314, 23.0299



0.0000, 0.0000, 0.0000



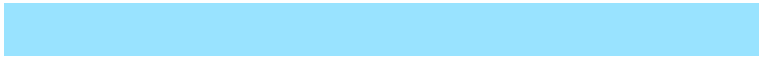
20.3446, 21.4041, 23.3091

Same Dimension

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



43.1100, 49.7781, 71.6269



58.5655, 68.7496, 104.7910



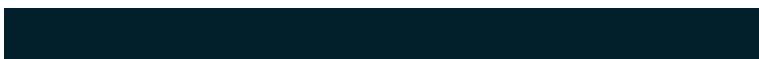
36.1307, 35.8195, 69.3004



12.4871, 13.4975, 15.8847



14.4685, 17.1989, 41.0103



0.9406, 1.1732, 2.4962

Inverse Universe

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



47.6984, 38.0334, 56.4590



66.4507, 49.5703, 78.4995



53.2231, 56.9110, 34.1676



12.7990, 12.5711, 14.8820



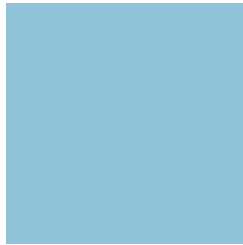
20.3619, 10.0811, 19.7417



1.2624, 0.6218, 1.3713

Previews

White Background



This preview shows how the XYZ color 43.1085, 49.7761, 71.6257 looks on a white background.

Color Contrast Check

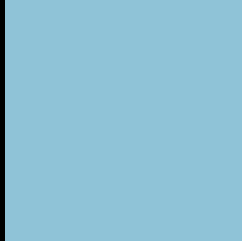
Large Text (above 18pt) WCAG AA × Fail

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 43.1085, 49.7761, 71.6257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

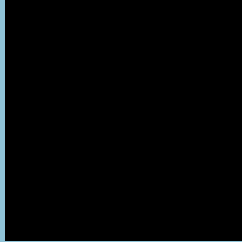
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.1085, 49.7761, 71.6257

Background



This preview shows how black text looks on a background with the XYZ color 43.1085, 49.7761, 71.6257.



This preview shows how white text looks on a background with the XYZ color 43.1085, 49.7761,

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

43.1085, 49.7761, 71.6257

Protanopia

48.3860, 49.3687, 67.3005

Deuteranopia

50.6180, 49.4650, 73.2095



Tritanopia

42.6531, 49.9338, 69.0181

Trichromacy



Original Color

43.1085, 49.7761, 71.6257

Protanomaly

46.1039, 49.4232, 68.7377

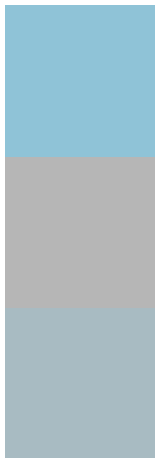
Deuteranomaly

47.5283, 49.4346, 72.6825

Tritanomaly

42.7789, 49.9841, 69.6806

Monochromacy



Original Color

43.1085, 49.7761, 71.6257

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

43.6564, 47.7605, 57.9567

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.1085, 49.7761, 71.6257 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(143, 195, 215)` looks like.

```
.text, #text, p{  
    color:rgb(143, 195, 215)  
}
```

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(143, 195, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 195, 215) }
```

Border

The CSS property to change the border of an element to XYZ 43.1085, 49.7761, 71.6257 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(143, 195, 215) }
```


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

```
.border{ border-color:rgb(143, 195, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 195, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 195, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 195, 215);  
box-shadow:4px 4px 4px 4px rgb(143, 195,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 43.1085, 49.7761, 71.6257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 195, 215) }
```

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

```
.background{ background-color: rgb(143,  
195, 215) }
```

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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