

Converting Colors

XYZ(48.3129, 56.5215, 76.7700)

Have a look what the booklet for
XYZ(48.3129, 56.5215, 76.7700)
contains.

XYZ(48.3129, 56.5215, 76.7700)	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(48.3129, 56.5215,
76.7700)**

Conversions

Conversions Part 1

Format	Color
Hex	98CFDD
RGB	152, 207, 221
RGB Percent	60%, 81%, 87%
CMY	0.4039, 0.1882, 0.1333
CMYK	0.31, 0.06, 0.00, 0.13
HSL	192°, 50%, 73%
HSV	192°, 31%, 87%
XYZ	48.3129, 56.5215, 76.7700
YIQ	192.1510, -37.2740, -7.3060

Conversions

Conversions Part 2

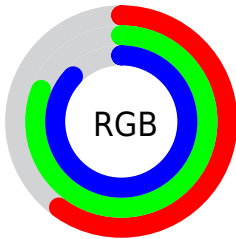
Format	Color
RYB	152, 183, 221
Decimal	10014685
CIELab	79.91, -14.37, -12.65
CIELCh	80, 19.141, 221.354
Yxy	56.5215, 0.2660, 0.3112
Android (android.graphics.Color)	4288204765 (0xFF98CFDD)
YUV	192.1510, 14.2226, -35.2124
Hunter-Lab	75.1808, -16.8582, -7.9168

Details

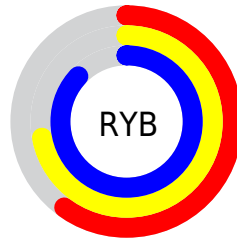
The XYZ color **48.3129, 56.5215, 76.7700** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.1234, 44.9123, 35.7871**, and the grayscale version is **50.1276, 52.7382, 57.4319**.

A 20% lighter version of the original color is **79.8224, 92.1499, 108.1874**, and **23.3112, 28.1323, 40.2778** is the 20% darker color. If you saturate the color by 10%, you get **43.4853, 52.4444, 76.2384**, and if you desaturate by 10%, it is **53.9455, 61.0621, 77.3505**.

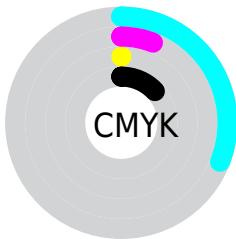
Distribution



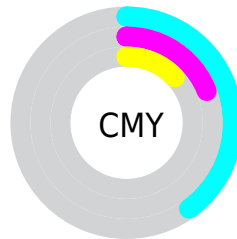
- Red (60%)
- Green (81%)
- Blue (87%)



- Red (60%)
- Yellow (72%)
- Blue (87%)



- Cyan (31%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



- Cyan (40%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.3129, 56.5215, 76.7700 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 48.3129, 56.5215, 76.7700 by changing the saturation by 10% instead.

■ 48.3129, 56.5215,
76.7700

■ 48.3129, 56.5215,
76.7700

370.5930,
411.6539, 503.3963

■ 34.2870, 40.6212,
56.5537

■ 86.8770, 99.7667,
130.5848

■ 23.2781, 28.0232,
40.2401

■ 112.1459,
127.8803, 165.0204

■ 14.9208, 18.3432,
27.4105

141.8932,
160.8338, 205.0328

■ 8.8498, 11.1966,
17.6466

176.4842,
199.0117, 251.0406

■ 4.6997, 6.1993,
10.5298

216.2844,
242.7982, 303.4623

■ 2.1051, 2.9666,
5.6414

261.6590,

■ 0.6920, 1.1143,

292.5778, 362.7164

2.5631

312.9734,
348.7349, 429.2216

■ 0.0000, 0.0000,
0.8733

■ 0.0000, 0.0000,
0.0000

■ 48.3129, 56.5215,
76.7700

■ 48.3129, 56.5215,
76.7700

■ 43.4853, 52.4444,
76.2384

■ 53.9455, 61.0621,
77.3505

■ 39.4143, 48.8014,
75.7498

■ 60.4177, 66.0803,
77.9780

■ 36.0543, 45.5700,
75.3032

■ 67.7683, 71.5979,
78.6556

■ 33.3526, 42.7226,
74.8960

■ 76.0321, 77.6333,
79.3850

■ 31.2486, 40.2276,
74.5253

■ 82.4273, 82.7524,
80.0360

■ 29.6699, 38.0472,
74.1877

■ 83.6870, 85.2718,
80.4559

■ 28.6094, 36.3367,
73.9134

■ 84.9789, 87.8557,
80.8866

■ 86.3034, 90.5047,
81.3281

■ 87.6607, 93.2193,
81.7805

Harmonies

Analogous

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



46.7328, 56.5215, 65.8462



48.3129, 56.5215, 76.7700



51.3713, 56.5215, 84.0941

Triad

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



48.3129, 56.5215, 76.7700



61.1073, 56.5215, 68.6313



52.2663, 56.5215, 42.8771

Complementary

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



48.3129, 56.5215, 76.7700



49.1234, 44.9123, 35.7871

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.



56.1434, 56.5215, 43.4324



48.3129, 56.5215, 76.7700



61.3754, 56.5215, 57.4301

Square

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



48.3129, 56.5215, 76.7700



58.8047, 56.5215, 79.0189



59.5205, 56.5215, 48.4744



48.9409, 56.5215, 46.8535

Rectangle

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



48.3129, 56.5215, 76.7700



53.8985, 56.5215, 85.4756



59.5205, 56.5215, 48.4744



53.5459, 56.5215, 42.5539

Sweetspot

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



48.3146, 56.5237, 76.7713



85.6376, 92.9695, 108.0391



45.6712, 61.1353, 45.3749



18.0248, 19.6676, 23.0962



0.0000, 0.0000, 0.0000



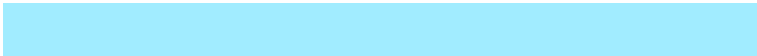
20.3446, 21.4041, 23.3091

Same Dimension

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



48.3146, 56.5237, 76.7713



62.6325, 74.6707, 105.7195



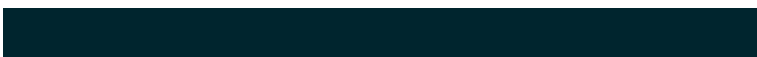
40.8875, 41.6695, 74.2956



13.2089, 14.3575, 16.7272



16.7020, 21.2735, 42.9643



1.1400, 1.4941, 2.8028

Inverse Universe

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



52.3110, 42.3351, 64.4483



69.0437, 52.6755, 85.7781



56.2113, 59.0881, 38.1497



13.4953, 13.2272, 15.8694



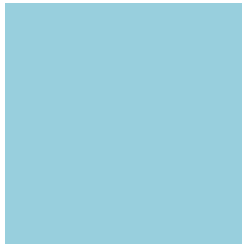
21.9257, 10.7713, 25.0527



1.4497, 0.7095, 1.7771

Previews

White Background



This preview shows how the XYZ color 48.3129, 56.5215, 76.7700 looks on a white background.

Color Contrast Check

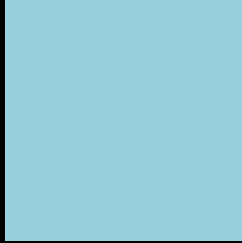
Large Text (above 18pt) WCAG AA × Fail

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 48.3129, 56.5215, 76.7700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

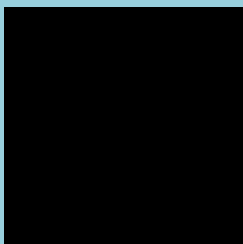
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

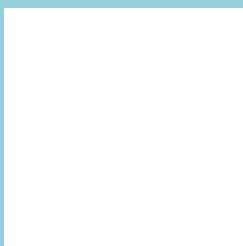
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.3129, 56.5215, 76.7700

Background



This preview shows how black text looks on a background with the XYZ color 48.3129, 56.5215, 76.7700.



This preview shows how white text looks on a background with the XYZ color 48.3129, 56.5215,

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

48.3129, 56.5215, 76.7700

Protanopia

54.6425, 56.0707, 71.5611

Deuteranopia

57.2060, 55.9185, 78.2993



Tritanopia

48.7690, 56.7257, 78.1908

Trichromacy



Original Color

48.3129, 56.5215, 76.7700

Protanomaly

52.0011, 56.0216, 73.7181

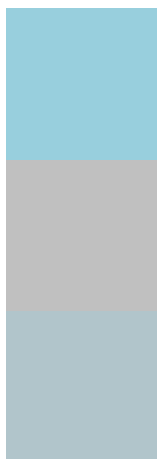
Deuteranomaly

53.2931, 55.5745, 77.7301

Tritanomaly

48.6345, 56.6719, 77.4827

Monochromacy



Original Color

48.3129, 56.5215, 76.7700

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

48.8772, 53.5914, 64.2680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.3129, 56.5215, 76.7700 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(152, 207, 221)` looks like.

```
.text, #text, p{  
    color:rgb(152, 207, 221)  
}
```

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(152, 207, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 207, 221) }
```

Border

The CSS property to change the border of an element to XYZ 48.3129, 56.5215, 76.7700 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(152, 207, 221) }
```


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

```
.border{ border-color:rgb(152, 207, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 207, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 207, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 207, 221);  
box-shadow:4px 4px 4px 4px rgb(152, 207,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 48.3129, 56.5215, 76.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 207, 221) }
```

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

```
.background{ background-color: rgb(152,  
207, 221) }
```

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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