

Converting Colors

XYZ(58.6219, 67.6631, 79.4320)

Have a look what the booklet for
XYZ(58.6219, 67.6631, 79.4320)
contains.

XYZ(58.7630, 67.9268, 79.8261)	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(58.7630, 67.9268,
79.8261)**

Conversions

Conversions Part 1

Format	Color
Hex	B5DFDF
RGB	181, 223, 223
RGB Percent	71%, 87%, 87%
CMY	0.2902, 0.1255, 0.1255
CMYK	0.19, 0.00, 0.00, 0.13
HSL	180°, 40%, 79%
HSV	180°, 19%, 87%
XYZ	58.7630, 67.9268, 79.8261
YIQ	210.4420, -25.0320, -8.9040

Conversions

Conversions Part 2

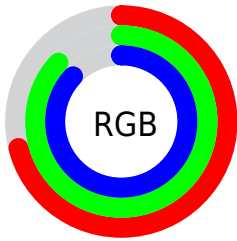
Format	Color
RYB	181, 202, 223
Decimal	11919327
CIELab	85.97, -13.58, -4.53
CIElCh	86, 14.311, 198.453
Yxy	67.9268, 0.2845, 0.3289
Android (android.graphics.Color)	4290109407 (0xFFB5DFDF)
YUV	210.4420, 6.1911, -25.8206
Hunter-Lab	82.4177, -16.9623, 0.2668

Details

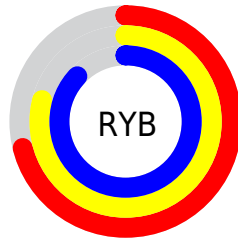
The XYZ color **58.7630, 67.9268, 79.8261** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.2982, 52.0738, 50.8556**, and the grayscale version is **61.5229, 64.7269, 70.4876**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **29.8229, 35.3444, 42.2961** is the 20% darker color. If you saturate the color by 10%, you get **53.9472, 65.4460, 79.6011**, and if you desaturate by 10%, it is **64.4197, 70.8447, 80.0934**.

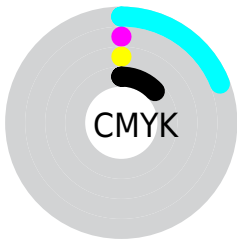
Distribution



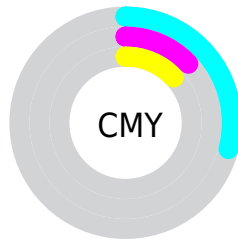
- Red (71%)
- Green (87%)
- Blue (87%)



- Red (71%)
- Yellow (79%)
- Blue (87%)



- Cyan (19%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (29%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7630, 67.9268, 79.8261 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 58.7630, 67.9268, 79.8261 by changing the saturation by 10% instead.

■ 58.7630, 67.9268,
79.8261

■ 58.7630, 67.9268,
79.8261

409.9312,
453.2366, 514.0379

■ 42.6680, 49.8382,
59.0499

■ 102.1497,
116.2474, 134.9304

■ 29.8181, 35.2848,
42.2330

130.1722,
147.2482, 170.0956

■ 19.8479, 23.8824,
28.9569

162.9011,
183.3219, 210.8943

■ 12.3922, 15.2464,
18.8029

200.7020,
224.8527, 257.7449

■ 7.0855, 8.9925,
11.3526

243.9401,
272.2253, 311.0660

■ 3.5624, 4.7363,
6.1874

292.9807,

■ 1.4577, 2.0934,

325.8238, 371.2762

2.8887

348.1893,
386.0328, 438.7940

■ 0.2968, 0.6609,
1.0381

■ 0.0000, 0.0000,
0.0000

■ 58.7630, 67.9268,
79.8261

■ 58.7630, 67.9268,
79.8261

■ 53.9472, 65.4460,
79.6011

■ 64.4197, 70.8447,
80.0934

■ 49.9266, 63.3733,
79.4118


■ 70.9485, 74.2104,
80.4000


■ 46.6603, 61.6895,
79.2579


■ 78.3862, 78.0447,
80.7492

■ 44.1013, 60.3703,
79.1370


■ 80.9492, 79.3659,
80.8702


 42.1972, 59.3887,
79.0468


 80.9494, 79.3660,
80.8713

 40.8886, 58.7141,
78.9845


 80.9496, 79.3661,
80.8724


 40.1053, 58.3104,
78.9467

 80.9498, 79.3661,
80.8735

 39.7392, 58.1217,
78.9285

 80.9500, 79.3662,
80.8746

 39.7067, 58.1049,
78.9269

 80.9503, 79.3663,
80.8757

Harmonies

Analogous

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



58.5785, 67.9268, 70.4039



58.7630, 67.9268, 79.8261



60.4694, 67.9268, 88.3182

Triad

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



58.7630, 67.9268, 79.8261



69.3982, 67.9268, 86.5981



65.8330, 67.9268, 57.6387

Complementary

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



58.7630, 67.9268, 79.8261



55.2982, 52.0738, 50.8556

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.



68.8361, 67.9268, 61.2502



58.7630, 67.9268, 79.8261



70.9404, 67.9268, 77.6354

Square

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



58.7630, 67.9268, 79.8261



66.5792, 67.9268, 92.4504



70.7313, 67.9268, 68.3900



62.5867, 67.9268, 58.1169

Rectangle

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



58.7630, 67.9268, 79.8261



62.2738, 67.9268, 92.0638



70.7313, 67.9268, 68.3900



66.9064, 67.9268, 58.4014

Sweetspot

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



58.7650, 67.9296, 79.8276



89.6432, 97.2127, 108.6461



53.9508, 66.0229, 53.6175



19.0671, 20.7455, 23.2491



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.



58.7650, 67.9296, 79.8276



76.6654, 90.5225, 108.0362



53.6624, 57.7239, 78.1287



14.1166, 15.5724, 17.6492



23.3458, 34.1632, 46.4057



1.6182, 2.3680, 3.2167

Inverse Universe

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



55.2982, 52.0738, 50.8556



71.0631, 64.8996, 61.2176



59.7310, 60.9399, 52.3317



13.7073, 13.7006, 14.2290



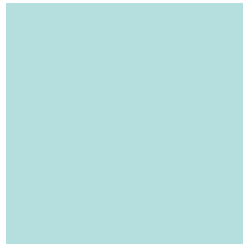
17.8933, 9.2243, 0.8377



1.2403, 0.6394, 0.0581

Previews

White Background



This preview shows how the XYZ color 58.7630, 67.9268, 79.8261 looks on a white background.

Color Contrast Check

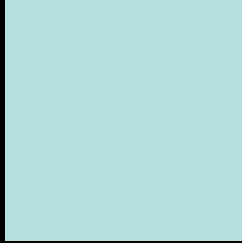
Large Text (above 18pt) WCAG AA × Fail

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 58.7630, 67.9268, 79.8261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

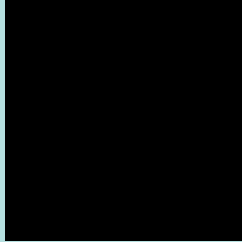
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7630, 67.9268, 79.8261

Background



This preview shows how black text looks on a background with the XYZ color 58.7630, 67.9268, 79.8261.

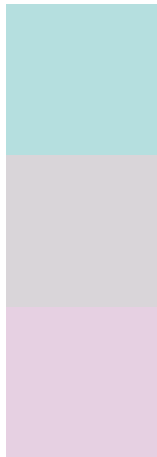


This preview shows how white text looks on a background with the XYZ color 58.7630, 67.9268,

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

58.7630, 67.9268, 79.8261

Protanopia

64.9339, 67.3500, 75.2231

Deuteranopia

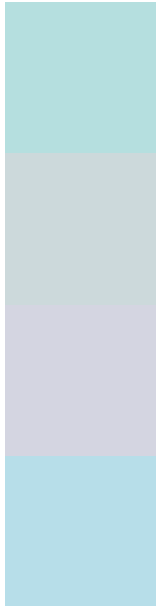
68.9165, 67.4257, 81.3337



Tritanopia

61.0562, 68.0763, 90.8110

Trichromacy



Original Color

58.7630, 67.9268, 79.8261

Protanomaly

62.5009, 67.5776, 76.7675

Deuteranomaly

64.5362, 67.0218, 80.7692

Tritanomaly

60.3577, 68.1930, 87.0722

Monochromacy



Original Color

58.7630, 67.9268, 79.8261

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.1194, 65.6493, 73.7929

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7630, 67.9268, 79.8261 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(181, 223, 223)` looks like.

```
.text, #text, p{  
    color:rgb(181, 223, 223)  
}
```

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(181, 223, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 223, 223) }
```

Border

The CSS property to change the border of an element to XYZ 58.7630, 67.9268, 79.8261 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(181, 223, 223) }
```


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

```
.border{ border-color:rgb(181, 223, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 223, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 223, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 223, 223);  
box-shadow:4px 4px 4px 4px rgb(181, 223,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7630, 67.9268, 79.8261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 223, 223) }
```

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

```
.background{ background-color: rgb(181,  
223, 223) }
```

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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