

Converting Colors

XYZ(59.5530, 68.1714, 79.0447)

Have a look what the booklet for
XYZ(59.5530, 68.1714, 79.0447)
contains.

XYZ(59.5801, 68.3636, 79.1625)	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(59.5801, 68.3636,
79.1625)**

Conversions

Conversions Part 1

Format	Color
Hex	B9DFDE
RGB	185, 223, 222
RGB Percent	73%, 87%, 87%
CMY	0.2745, 0.1255, 0.1294
CMYK	0.17, 0.00, 0.00, 0.13
HSL	178°, 37%, 80%
HSV	178°, 17%, 87%
XYZ	59.5801, 68.3636, 79.1625
YIQ	211.5240, -22.3270, -8.3670

Conversions

Conversions Part 2

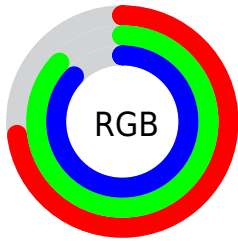
Format	Color
R _{YB}	185, 204, 223
Decimal	12181470
CIE Lab	86.19, -12.55, -3.65
CIE LCh	86, 13.071, 196.227
Yxy	68.3636, 0.2877, 0.3301
Android (android.graphics.Color)	4290371550 (0xFFB9DFDE)
YUV	211.5240, 5.1647, -23.2615
Hunter-Lab	82.6823, -16.0685, 1.1116

Details

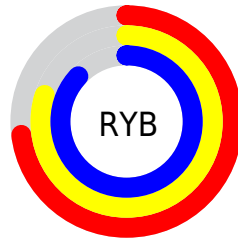
The XYZ color **59.5801, 68.3636, 79.1625** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.6458, 53.9330, 53.8819**, and the grayscale version is **62.2426, 65.4840, 71.3121**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **30.3378, 35.6206, 41.8357** is the 20% darker color. If you saturate the color by 10%, you get **54.5384, 65.7754, 78.5168**, and if you desaturate by 10%, it is **65.4698, 71.3925, 79.8522**.

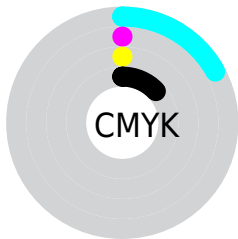
Distribution



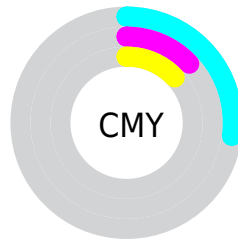
- Red (73%)
- Green (87%)
- Blue (87%)



- Red (73%)
- Yellow (80%)
- Blue (87%)



- Cyan (17%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)



- Cyan (27%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5801, 68.3636, 79.1625 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 59.5801, 68.3636, 79.1625 by changing the saturation by 10% instead.

■ 59.5801, 68.3636,
79.1625

■ 59.5801, 68.3636,
79.1625

412.9079,
454.7832, 511.7380

■ 43.3284, 50.1936,
58.5073

■ 103.3301,
116.8721, 133.9883

■ 30.3385, 35.5672,
41.7992

131.5592,
147.9795, 168.9961

■ 20.2450, 24.1002,
28.6197

164.5115,
184.1680, 209.6251

■ 12.6826, 15.4079,
18.5502

202.5522,
225.8222, 256.2939

■ 7.2858, 9.1062,
11.1722

246.0469,
273.3265, 309.4211

■ 3.6894, 4.8105,
6.0672

295.3609,

■ 1.5280, 2.1365,

327.0651, 369.4251

2.8165

350.8594,
387.4225, 436.7246

■ 0.3447, 0.6850,
1.0017

■ 0.0000, 0.0000,
0.0000

■ 59.5801, 68.3636,
79.1625

■ 59.5801, 68.3636,
79.1625

■ 54.5384, 65.7754,
78.5168

■ 65.4698, 71.3925,
79.8522

■ 50.2996, 63.5993,
77.9087

■ 72.2383, 74.8726,
80.5830

■ 46.8233, 61.8163,
77.3377

■ 79.9220, 78.8245,
81.3581

■ 44.0633, 60.4024,
76.8016

■ 81.1318, 79.4390,
81.8317

■ 41.9685, 59.3315,
76.2982

■ 81.2120, 79.4711,
82.2538

■ 40.4807, 58.5734,
75.8245

■ 81.2924, 79.5033,
82.6774

■ 39.5321, 58.0933,
75.3775

■ 81.3732, 79.5355,
83.1025

■ 39.0340, 57.8454,
74.9531

■ 81.4542, 79.5679,
83.5290

■ 38.9287, 57.7937,
74.8297

■ 81.5354, 79.6005,
83.9570

Harmonies

Analogous

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



59.5196, 68.3636, 70.5615



59.5801, 68.3636, 79.1625



61.0573, 68.3636, 87.0513

Triad

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



59.5801, 68.3636, 79.1625



69.2447, 68.3636, 86.4956



66.3645, 68.3636, 59.4774

Complementary

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



59.5801, 68.3636, 79.1625



56.6458, 53.9330, 53.8819

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.



69.0621, 68.3636, 63.1030



59.5801, 68.3636, 79.1625



70.7594, 68.3636, 78.4505

Square

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



59.5801, 68.3636, 79.1625



66.6075, 68.3636, 91.5031



70.6915, 68.3636, 69.9021



63.3744, 68.3636, 59.6357

Rectangle

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



59.5801, 68.3636, 79.1625



62.6735, 68.3636, 90.6501



70.6915, 68.3636, 69.9021



67.3374, 68.3636, 60.2812

Sweetspot

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



59.5821, 68.3664, 79.1640



90.4597, 97.6399, 108.4026



55.4612, 66.7536, 55.8618



19.2293, 20.8307, 23.1879



0.0000, 0.0000, 0.0000



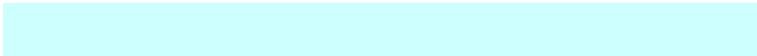
20.3446, 21.4041, 23.3091

Same Dimension

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



59.5821, 68.3664, 79.1640



78.4958, 91.4910, 106.9978



55.2241, 59.4346, 78.3767



14.1001, 15.5658, 17.5625



22.8954, 33.9830, 44.0336



1.5920, 2.3575, 3.0786

Inverse Universe

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



56.6458, 53.9330, 53.8819



73.8942, 68.8703, 67.3756



60.4839, 61.7792, 54.6369



13.7218, 13.7064, 14.3054



17.9186, 9.2345, 0.9714



1.2473, 0.6422, 0.0949

Previews

White Background



This preview shows how the XYZ color 59.5801, 68.3636, 79.1625 looks on a white background.

Color Contrast Check

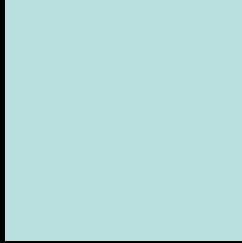
Large Text (above 18pt) WCAG AA × Fail

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 59.5801, 68.3636, 79.1625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

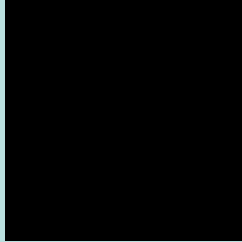
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

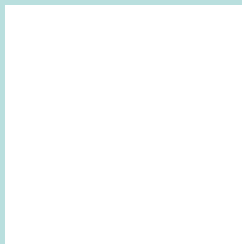
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.5801, 68.3636, 79.1625

Background



This preview shows how black text looks on a background with the XYZ color 59.5801, 68.3636, 79.1625.



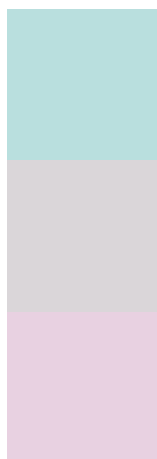
This preview shows how white text looks on a background with the XYZ color 59.5801, 68.3636,

79.1625.

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

59.5801, 68.3636, 79.1625

Protanopia

65.4844, 68.0083, 75.3212

Deuteranopia

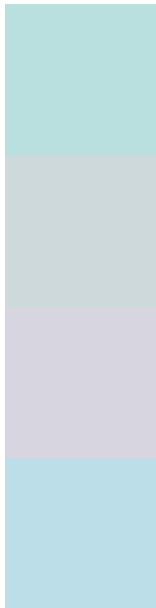
69.6698, 68.1930, 80.7247



Tritanopia

62.0281, 68.5773, 90.8564

Trichromacy



Original Color

59.5801, 68.3636, 79.1625

Protanomaly

63.0526, 67.8620, 76.7933

Deuteranomaly

65.5254, 67.9220, 80.1777

Tritanomaly

61.1803, 68.6335, 86.3670

Monochromacy



Original Color

59.5801, 68.3636, 79.1625

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.3077, 66.6262, 74.5946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5801, 68.3636, 79.1625 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(185, 223, 222)` looks like.

```
.text, #text, p{  
    color:rgb(185, 223, 222)  
}
```

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(185, 223, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 223, 222) }
```

Border

The CSS property to change the border of an element to XYZ 59.5801, 68.3636, 79.1625 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(185, 223, 222) }
```


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

```
.border{ border-color:rgb(185, 223, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 223, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 223, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 223, 222);  
box-shadow:4px 4px 4px 4px rgb(185, 223,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5801, 68.3636, 79.1625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 223, 222) }
```

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

```
.background{ background-color: rgb(185,  
223, 222) }
```

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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