

Converting Colors

XYZ(59.4941, 67.6622, 88.2190)

Have a look what the booklet for
XYZ(59.4941, 67.6622, 88.2190)
contains.

XYZ(59.7071, 67.8244, 88.5418)	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(59.7071, 67.8244,
88.5418)**

Conversions

Conversions Part 1

Format	Color
Hex	B3DEEB
RGB	179, 222, 235
RGB Percent	70%, 87%, 92%
CMY	0.2980, 0.1294, 0.0784
CMYK	0.24, 0.06, 0.00, 0.08
HSL	194°, 58%, 81%
HSV	194°, 24%, 92%
XYZ	59.7071, 67.8244, 88.5418
YIQ	210.6250, -29.8010, -5.0730

Conversions

Conversions Part 2

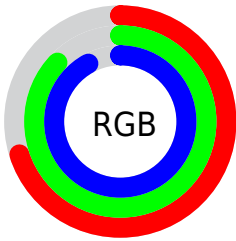
Format	Color
R_{YB}	179, 203, 235
Decimal	11788011
CIE _{Lab}	85.92, -11.09, -10.96
CIE _{LCh}	86, 15.586, 224.664
Yxy	67.8244, 0.2763, 0.3139
Android (android.graphics.Color)	4289978091 (0xFFB3DEEB)
YUV	210.6250, 12.0169, -27.7351
Hunter-Lab	82.3556, -14.7112, -6.0947

Details

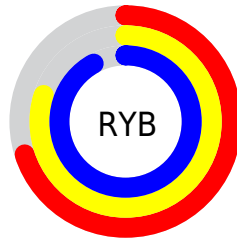
The XYZ color **59.7071, 67.8244, 88.5418** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.2481, 58.6165, 50.7354**, and the grayscale version is **61.6086, 64.8170, 70.5857**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **30.4128, 35.2521, 47.8492** is the 20% darker color. If you saturate the color by 10%, you get **53.3069, 62.4107, 87.8353**, and if you desaturate by 10%, it is **67.0838, 73.8145, 89.3103**.

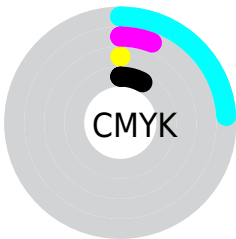
Distribution



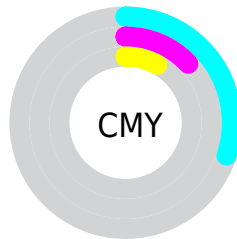
- Red (70%)
- Green (87%)
- Blue (92%)



- Red (70%)
- Yellow (80%)
- Blue (92%)



- Cyan (24%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)



- Cyan (30%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7071, 67.8244, 88.5418 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 59.7071, 67.8244, 88.5418 by changing the saturation by 10% instead.

■ 59.7071, 67.8244,
88.5418

■ 59.7071, 67.8244,
88.5418

413.3694,
452.8736, 543.7231

■ 43.4311, 49.7549,
66.2050

■ 103.5134,
116.1009, 147.2290

■ 30.4195, 35.2187,
47.9813

131.7745,
147.0767, 184.4164

■ 20.3069, 23.8314,
33.4522

164.7614,
183.1233, 227.3912

■ 12.7279, 15.2086,
22.1991

202.8393,
224.6253, 276.5717

■ 7.3171, 8.9659,
13.8036

246.3737,
271.9669, 332.3767

■ 3.7093, 4.7189,
7.8470

295.7300,

■ 1.5390, 2.0833,

325.5325, 395.2245

3.9108

351.2734,
385.7066, 465.5338

■ 0.3522, 0.6552,
1.5766

■ 0.0000, 0.0000,
0.2740

■ 59.7071, 67.8244,
88.5418

■ 59.7071, 67.8244,
88.5418

■ 53.3069, 62.4107,
87.8353

■ 67.0838, 73.8145,
89.3103

■ 47.8298, 57.5401,
87.1838

■ 75.4750, 80.3961,
90.1384

■ 43.2263, 53.1881,
86.5865

■ 84.9238, 87.5938,
91.0297

■ 39.4397, 49.3248,
86.0404

■ 88.5327, 91.8524,
91.6615

■ 36.4064, 45.9168,
85.5424

■ 90.1967, 95.1804,
92.2162

■ 34.0525, 42.9254,
85.0891

■ 91.9097, 98.6064,
92.7872

■ 32.2885, 40.3035,
84.6760

■ 91.9956, 98.7782,
92.8158

■ 31.4095, 38.8260,
84.4371

Harmonies

Analogous

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



58.0524, 67.8244, 78.9365



59.7071, 67.8244, 88.5418



62.6674, 67.8244, 94.4673

Triad

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



59.7071, 67.8244, 88.5418



71.3111, 67.8244, 79.1691



62.7436, 67.8244, 56.4234

Complementary

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



59.7071, 67.8244, 88.5418



61.2481, 58.6165, 50.7354

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.



66.2968, 67.8244, 56.4732



59.7071, 67.8244, 88.5418



71.3334, 67.8244, 68.9854

Square

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



59.7071, 67.8244, 88.5418



69.4096, 67.8244, 88.7256



69.4693, 67.8244, 60.8792



59.7611, 67.8244, 60.7362

Rectangle

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



59.7071, 67.8244, 88.5418



65.0246, 67.8244, 95.2171



69.4693, 67.8244, 60.8792



63.9087, 67.8244, 55.9442

Sweetspot

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



59.7091, 67.8271, 88.5433



87.4777, 94.1554, 108.1710



57.7188, 72.7692, 60.3724



18.5904, 20.0489, 23.1400



0.0000, 0.0000, 0.0000



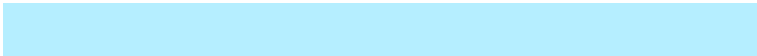
20.3446, 21.4041, 23.3091

Same Dimension

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



59.7091, 67.8271, 88.5433



67.6447, 78.1036, 106.1180



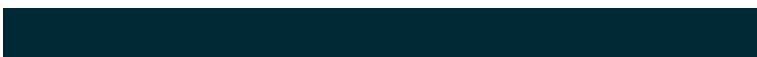
53.0725, 54.5539, 86.3311



15.2041, 16.4946, 19.3047



17.5824, 21.8118, 47.0264



1.4525, 1.8564, 3.7166

Inverse Universe

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



63.5675, 55.1780, 76.4103



73.1826, 60.4915, 88.5818



67.7652, 71.6508, 52.9078



15.5566, 15.2505, 18.2162



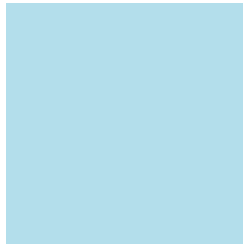
23.7301, 11.6947, 25.4436



1.8996, 0.9328, 2.1889

Previews

White Background



This preview shows how the XYZ color 59.7071, 67.8244, 88.5418 looks on a white background.

Color Contrast Check

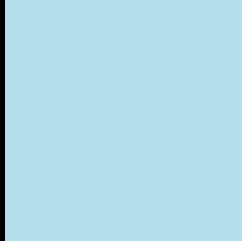
Large Text (above 18pt) WCAG AA × Fail

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 59.7071, 67.8244, 88.5418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

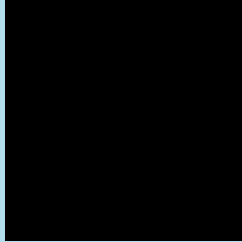
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.7071, 67.8244, 88.5418

Background



This preview shows how black text looks on a background with the XYZ color 59.7071, 67.8244, 88.5418.

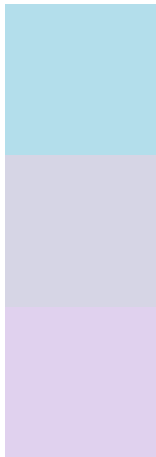


This preview shows how white text looks on a background with the XYZ color 59.7071, 67.8244,

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

59.7071, 67.8244, 88.5418

Protanopia

65.6687, 67.5418, 83.7045

Deuteranopia

68.9736, 67.6213, 90.3058



Tritanopia

60.2588, 67.6482, 91.5428

Trichromacy



Original Color

59.7071, 67.8244, 88.5418

Protanomaly

63.0671, 67.2988, 85.2673

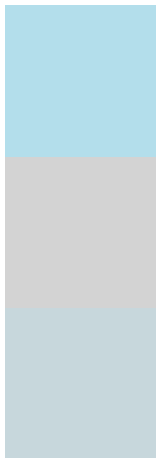
Deuteranomaly

65.3451, 67.6175, 89.7282

Tritanomaly

60.1115, 67.5892, 90.7667

Monochromacy



Original Color

59.7071, 67.8244, 88.5418

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.7719, 65.9103, 77.2291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7071, 67.8244, 88.5418 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(179, 222, 235)` looks like.

```
.text, #text, p{  
    color:rgb(179, 222, 235)  
}
```

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(179, 222, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 222, 235) }
```

Border

The CSS property to change the border of an element to XYZ 59.7071, 67.8244, 88.5418 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(179, 222, 235) }
```


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

```
.border{ border-color:rgb(179, 222, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 222, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 222, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 222, 235);  
box-shadow:4px 4px 4px 4px rgb(179, 222,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7071, 67.8244, 88.5418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 222, 235) }
```

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

```
.background{ background-color: rgb(179,  
222, 235) }
```

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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