

Converting Colors

XYZ(59.2381, 71.4855, 98.4686)

Have a look what the booklet for
XYZ(59.2381, 71.4855, 98.4686)
contains.

XYZ(59.1627, 71.3972, 98.6585)	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(59.1627, 71.3972,
98.6585)**

Conversions

Conversions Part 1

Format	Color
Hex	9BE8F7
RGB	155, 232, 247
RGB Percent	61%, 91%, 97%
CMY	0.3921, 0.0902, 0.0314
CMYK	0.37, 0.06, 0.00, 0.03
HSL	190°, 85%, 79%
HSV	190°, 37%, 97%
XYZ	59.1627, 71.3972, 98.6585
YIQ	210.6870, -50.7070, -11.6590

Conversions

Conversions Part 2

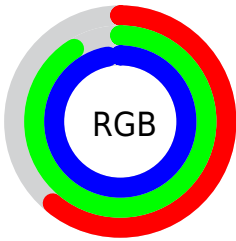
Format	Color
R _Y B	155, 197, 247
Decimal	10217719
CIE Lab	87.68, -19.97, -14.78
CIE LCh	88, 24.846, 216.499
Yxy	71.3972, 0.2581, 0.3115
Android (android.graphics.Color)	4288407799 (0xFF9BE8F7)
YUV	210.6870, 17.9023, -48.8375
Hunter-Lab	84.4969, -22.8880, -10.0792

Details

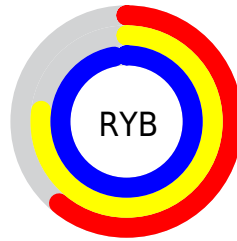
The XYZ color **59.1627, 71.3972, 98.6585** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **58.6501, 50.8912, 37.7440**, and the grayscale version is **61.6219, 64.8310, 70.6010**.

A 20% lighter version of the original color is **80.9614, 92.7370, 108.2407**, and **30.0749, 37.4649, 54.9366** is the 20% darker color. If you saturate the color by 10%, you get **53.7786, 66.9598, 98.0870**, and if you desaturate by 10%, it is **65.5466, 76.3919, 99.2873**.

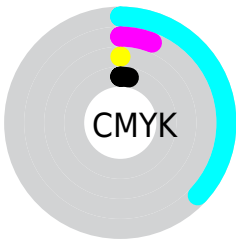
Distribution



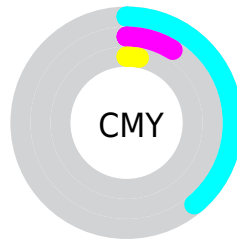
- Red (61%)
- Green (91%)
- Blue (97%)



- Red (61%)
- Yellow (77%)
- Blue (97%)



- Cyan (37%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)



- Cyan (39%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1627, 71.3972, 98.6585 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 59.1627, 71.3972, 98.6585 by changing the saturation by 10% instead.

■ 59.1627, 71.3972,
98.6585

■ 59.1627, 71.3972,
98.6585

■ 411.3890,
465.4407, 577.0930

■ 42.9910, 52.6664,
74.5700

■ 102.7274,
121.1991, 161.3482

■ 30.0725, 37.5365,
54.7611

■ 130.8510,
153.0390, 200.7865

■ 20.0420, 25.6232,
38.8132

■ 163.6894,
190.0174, 246.1785

■ 12.5340, 16.5419,
26.3077

■ 201.6078,
232.5187, 297.9428

■ 7.1832, 9.9085,
16.8262

■ 244.9716,
280.9273, 356.4978

■ 3.6243, 5.3383,
9.9500

■ 294.1461,

■ 1.4919, 2.4471,

335.6276, 422.2622

5.2606

349.4968,
397.0039, 495.6544

■ 0.3203, 0.8500,
2.3396

■ 0.0000, 0.0000,
0.7533

■ 59.1627, 71.3972,
98.6585

■ 59.1627, 71.3972,
98.6585

■ 53.7786, 66.9598,
98.0870

■ 65.5466, 76.3919,
99.2873

■ 49.3281, 63.0404,
97.5650

■ 72.9786, 81.9640,
99.9712

■ 45.7471, 59.6072,
97.0911

■ 81.5112, 88.1426,
100.7140

■ 42.9607, 56.6214,
96.6617

■ 91.1918, 94.9523,
101.5182

■ 40.8803, 54.0372,
96.2725

■ 92.8822, 97.6825,
101.9561

■ 39.3918, 51.7953,
95.9182

■ 93.7887, 99.4955,
102.2583

■ 39.0375, 51.2130,
95.8245

Harmonies

Analogous

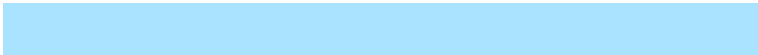
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.2247, 71.3972, 81.4662



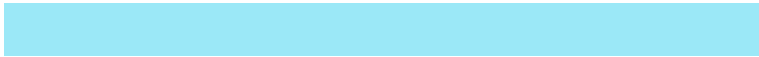
59.1627, 71.3972, 98.6585



63.4466, 71.3972, 111.4166

Triad

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



59.1627, 71.3972, 98.6585



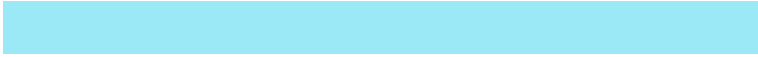
78.7789, 71.3972, 91.3957



66.5879, 71.3972, 49.7749

Complementary

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



59.1627, 71.3972, 98.6585



58.6501, 50.8912, 37.7440

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.



72.4753, 71.3972, 51.6405



59.1627, 71.3972, 98.6585



79.7396, 71.3972, 74.1280

Square

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



59.1627, 71.3972, 98.6585



74.8184, 71.3972, 106.8177



77.3724, 71.3972, 60.0084



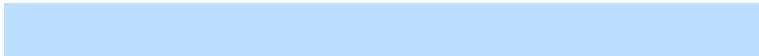
61.3487, 71.3972, 54.4843

Rectangle

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



59.1627, 71.3972, 98.6585



67.1720, 71.3972, 114.7913



77.3724, 71.3972, 60.0084



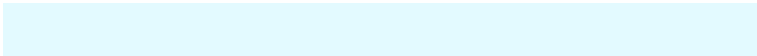
68.5545, 71.3972, 49.6652

Sweetspot

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



59.1649, 71.4000, 98.6602



84.0313, 92.1798, 107.9713



53.9226, 76.3486, 49.3343



17.7176, 19.5361, 23.0870



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.



59.1649, 71.4000, 98.6602



58.9874, 72.9772, 105.5848



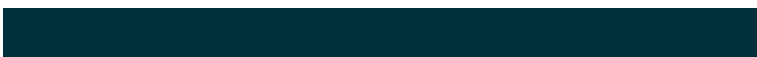
48.1206, 49.3114, 94.9787



16.7533, 18.2708, 21.1862



20.7345, 27.2627, 50.7074



1.8824, 2.5162, 4.4767

Inverse Universe

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



64.6464, 49.0449, 82.4064



65.8377, 46.1625, 85.0208



68.5252, 70.6414, 41.0357



17.0908, 16.7192, 20.2247



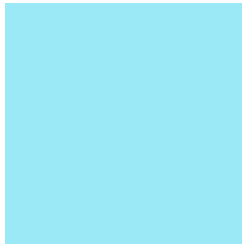
26.2703, 12.8516, 32.4615



2.3392, 1.1416, 3.0126

Previews

White Background



This preview shows how the XYZ color 59.1627, 71.3972, 98.6585 looks on a white background.

Color Contrast Check

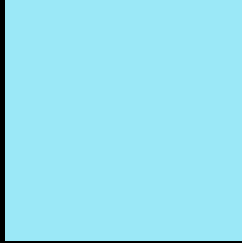
Large Text (above 18pt) WCAG AA × Fail

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 59.1627, 71.3972, 98.6585 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 59.1627, 71.3972, 98.6585

Background



This preview shows how black text looks on a background with the XYZ color 59.1627, 71.3972, 98.6585.

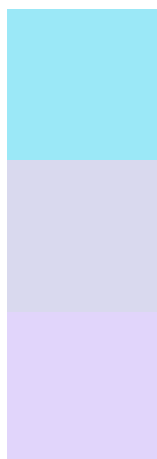


This preview shows how white text looks on a background with the XYZ color 59.1627, 71.3972,

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

59.1627, 71.3972, 98.6585

Protanopia

68.8607, 70.5505, 90.8772

Deuteranopia

72.2582, 70.5611, 101.0780



Tritanopia

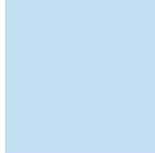
59.8222, 71.6833, 101.1258

Trichromacy



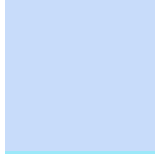
Original Color

59.1627, 71.3972, 98.6585



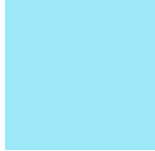
Protanomaly

64.2466, 70.0628, 93.3564



Deuteranomaly

66.6679, 70.3679, 100.5111



Tritanomaly

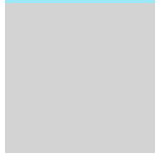
59.6658, 71.6207, 100.3020

Monochromacy



Original Color

59.1627, 71.3972, 98.6585



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

60.2719, 67.1212, 80.3000

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1627, 71.3972, 98.6585 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(155, 232, 247)` looks like.

```
.text, #text, p{  
    color:rgb(155, 232, 247)  
}
```

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(155, 232, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 232, 247) }
```

Border

The CSS property to change the border of an element to XYZ 59.1627, 71.3972, 98.6585 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(155, 232, 247) }
```


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

```
.border{ border-color:rgb(155, 232, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 232, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 232, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 232, 247);  
box-shadow:4px 4px 4px 4px rgb(155, 232,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1627, 71.3972, 98.6585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 232, 247) }
```

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

```
.background{ background-color: rgb(155,  
232, 247) }
```

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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