

Converting Colors

XYZ(59.5818, 65.9040, 94.1820)

Have a look what the booklet for
XYZ(59.5818, 65.9040, 94.1820)
contains.

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Color

**XYZ(59.8395, 66.1976,
94.4176)**

Conversions

Conversions Part 1

Format	Color
Hex	B3DAF3
RGB	179, 218, 243
RGB Percent	70%, 85%, 95%
CMY	0.2980, 0.1451, 0.0471
CMYK	0.26, 0.10, 0.00, 0.05
HSL	203°, 73%, 83%
HSV	203°, 26%, 95%
XYZ	59.8395, 66.1976, 94.4176
YIQ	209.1890, -31.2690, -0.4930

Conversions

Conversions Part 2

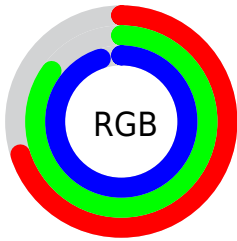
Format	Color
R_{YB}	179, 203, 243
Decimal	11786995
CIE _{Lab}	85.10, -7.23, -16.41
CIE _{LCh}	85, 17.935, 246.233
Yxy	66.1976, 0.2714, 0.3003
Android (android.graphics.Color)	4289977075 (0xFFB3DAF3)
YUV	209.1890, 16.6688, -26.4758
Hunter-Lab	81.3619, -11.1014, -11.8506

Details

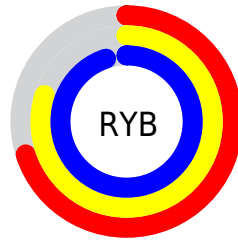
The XYZ color **59.8395, 66.1976, 94.4176** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **66.6926, 65.4956, 51.7763**, and the grayscale version is **60.6386, 63.7965, 69.4744**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **30.5243, 34.1422, 51.9950** is the 20% darker color. If you saturate the color by 10%, you get **52.3196, 58.7726, 93.3819**, and if you desaturate by 10%, it is **68.4940, 74.4200, 95.5496**.

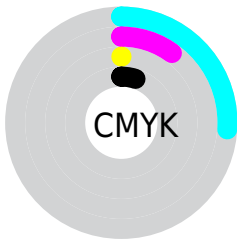
Distribution



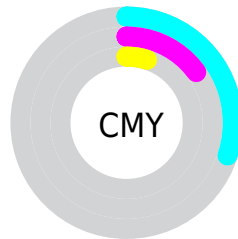
- Red (70%)
- Green (85%)
- Blue (95%)



- Red (70%)
- Yellow (80%)
- Blue (95%)



- Cyan (26%)
- Magenta (10%)
- Yellow (0%)
- Black (5%)



- Cyan (30%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8395, 66.1976, 94.4176 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 59.8395, 66.1976, 94.4176 by changing the saturation by 10% instead.

■ 59.8395, 66.1976,
94.4176

■ 59.8395, 66.1976,
94.4176

413.8501,
447.0832, 563.2354

■ 43.5382, 48.4328,
71.0561

■ 103.7045,
113.7699, 155.4484

■ 30.5040, 34.1698,
51.9059

131.9989,
144.3462, 193.9548

■ 20.3714, 23.0241,
36.5483

165.0218,
179.9618, 238.3466

■ 12.7752, 14.6113,
24.5649

203.1384,
221.0011, 289.0423

■ 7.3498, 8.5470,
15.5372

246.7143,
267.8485, 346.4606

■ 3.7301, 4.4469,
9.0464

296.1146,

■ 1.5506, 1.9266,

320.8884, 411.0198

4.6743

351.7048,
380.5052, 483.1386

■ 0.3599, 0.5643,
2.0021

■ 0.0000, 0.0000,
0.5565

■ 59.8395, 66.1976,
94.4176

■ 59.8395, 66.1976,
94.4176

■ 52.3196, 58.7726,
93.3819

■ 68.4940, 74.4200,
95.5496

■ 45.8741, 52.1056,
92.4347

■ 78.3276, 83.4613,
96.7765

■ 40.4458, 46.1653,
91.5742

■ 89.3894, 93.3516,
98.1025

■ 35.9695, 40.9143,
90.7966

■ 93.1779, 99.2512,
99.0416

■ 32.3715, 36.3109,
90.0977

■ 29.5662, 32.3071,
89.4728

■ 27.4470, 28.8439,
88.9160

■ 26.7815, 27.6784,
88.7261

Harmonies

Analogous

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



56.8581, 66.1976, 86.0445



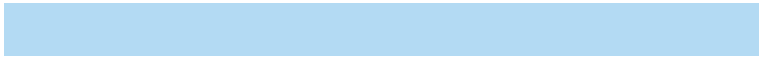
59.8395, 66.1976, 94.4176



63.7660, 66.1976, 96.5349

Triad

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



59.8395, 66.1976, 94.4176



70.9619, 66.1976, 69.6893



58.4378, 66.1976, 55.5796

Complementary

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



59.8395, 66.1976, 94.4176



66.6926, 65.4956, 51.7763

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.



62.0792, 66.1976, 52.1456



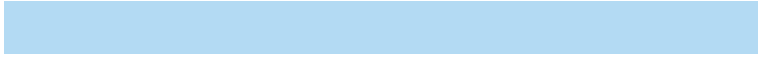
59.8395, 66.1976, 94.4176



69.3956, 66.1976, 59.7109

Square

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



59.8395, 66.1976, 94.4176



70.2998, 66.1976, 81.4218



66.1020, 66.1976, 53.5731



56.0734, 66.1976, 63.4777

Rectangle

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



59.8395, 66.1976, 94.4176



66.4156, 66.1976, 93.9341



66.1020, 66.1976, 53.5731



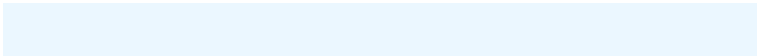
59.5470, 66.1976, 53.9057

Sweetspot

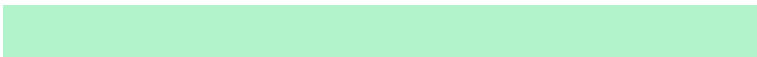
The Sweet Spot groups the original color and five complimentary colors.



59.8415, 66.2003, 94.4191



85.4496, 91.3552, 107.7374



61.4856, 78.0235, 68.6547



17.9244, 19.2204, 23.0151



0.0000, 0.0000, 0.0000



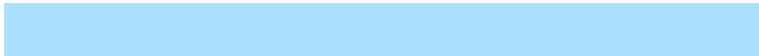
20.3446, 21.4041, 23.3091

Same Dimension

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



59.8415, 66.2003, 94.4191



61.7940, 68.9936, 104.6679



52.4270, 51.3712, 91.9476



16.4217, 17.6077, 21.0757



14.8334, 15.4606, 48.7404



1.4035, 1.5583, 4.3171

Inverse Universe

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



65.7388, 56.3586, 73.7461



69.5969, 56.6354, 77.1660



74.9614, 82.0332, 54.5326



16.9234, 16.6522, 19.3434



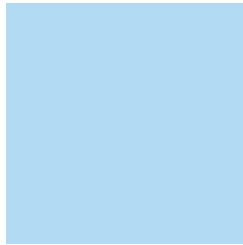
23.2917, 11.6601, 16.7764



2.0975, 1.0450, 1.7396

Previews

White Background



This preview shows how the XYZ color 59.8395, 66.1976, 94.4176 looks on a white background.

Color Contrast Check

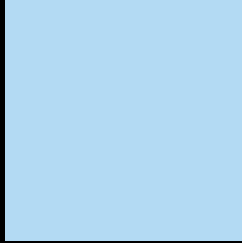
Large Text (above 18pt) WCAG AA × Fail

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 59.8395, 66.1976, 94.4176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

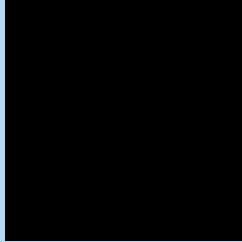
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

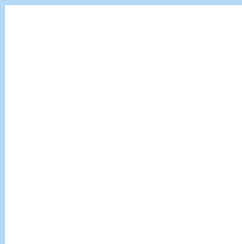
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8395, 66.1976, 94.4176

Background



This preview shows how black text looks on a background with the XYZ color 59.8395, 66.1976, 94.4176.

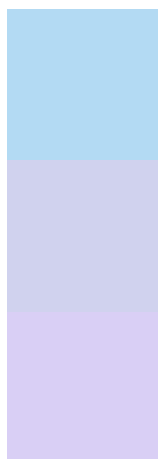


This preview shows how white text looks on a background with the XYZ color 59.8395, 66.1976,

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

59.8395, 66.1976, 94.4176

Protanopia

64.4916, 65.6761, 90.1666

Deuteranopia

67.4095, 65.9699, 95.5668



Tritanopia

58.9777, 66.2424, 89.7984

Trichromacy



Original Color

59.8395, 66.1976, 94.4176

Protanomaly

62.5484, 65.7501, 91.8325

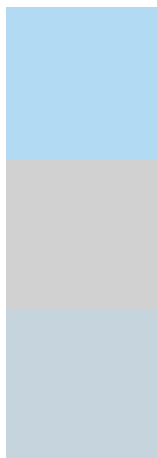
Deuteranomaly

64.2520, 65.8167, 94.9054

Tritanomaly

59.2716, 66.3600, 91.3462

Monochromacy



Original Color

59.8395, 66.1976, 94.4176

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.8833, 64.3132, 77.6641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8395, 66.1976, 94.4176 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, 218, 243)` looks like.

```
.text, #text, p{  
    color:rgb(179, 218, 243)  
}
```

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, 218, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 218, 243) }
```

Border

The CSS property to change the border of an element to XYZ 59.8395, 66.1976, 94.4176 is called "border". The border property can be set on classes, ids or directly on the HTML element.

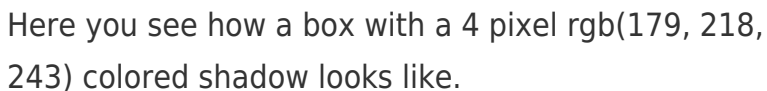
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 218, 243) }
```


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

```
.border{ border-color:rgb(179, 218, 243) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 218, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 218, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 218, 243); box-shadow:4px 4px 4px 4px rgb(179, 218, 243) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8395, 66.1976, 94.4176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 218, 243) }
```

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

```
.background{ background-color: rgb(179,  
218, 243) }
```

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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