

Converting Colors

XYZ(59.4993, 66.1803, 98.3241)

Have a look what the booklet for
XYZ(59.4993, 66.1803, 98.3241)
contains.

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Color

**XYZ(59.5084, 66.3246,
98.4724)**

Conversions

Conversions Part 1

Format	Color
Hex	ADDBF8
RGB	173, 219, 248
RGB Percent	68%, 86%, 97%
CMY	0.3216, 0.1412, 0.0274
CMYK	0.30, 0.12, 0.00, 0.03
HSL	203°, 84%, 83%
HSV	203°, 30%, 97%
XYZ	59.5084, 66.3246, 98.4724
YIQ	208.5520, -36.7250, -0.7330

Conversions

Conversions Part 2

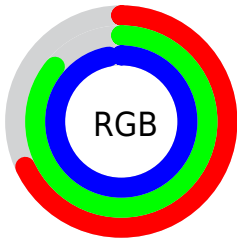
Format	Color
RYB	173, 202, 248
Decimal	11394040
CIELab	85.16, -8.30, -18.99
CIELCh	85, 20.728, 246.400
Yxy	66.3246, 0.2653, 0.2957
Android (android.graphics.Color)	4289584120 (0xFFADDBF8)
YUV	208.5520, 19.4479, -31.1791
Hunter-Lab	81.4399, -12.0893, -14.6821

Details

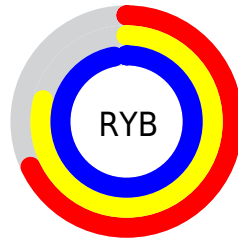
The XYZ color **59.5084, 66.3246, 98.4724** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.3757, 65.2154, 48.5737**, and the grayscale version is **60.2089, 63.3444, 68.9821**.

A 20% lighter version of the original color is **86.4431, 95.5630, 108.4972**, and **30.2611, 34.2082, 54.8771** is the 20% darker color. If you saturate the color by 10%, you get **52.0956, 58.8973, 97.4306**, and if you desaturate by 10%, it is **68.0873, 74.5701, 99.6129**.

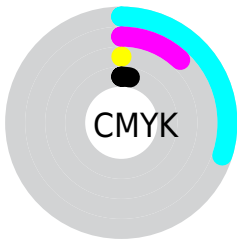
Distribution



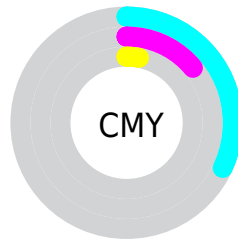
- Red (68%)
- Green (86%)
- Blue (97%)



- Red (68%)
- Yellow (79%)
- Blue (97%)



- Cyan (30%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (32%)
- Magenta (14%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5084, 66.3246, 98.4724 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 59.5084, 66.3246, 98.4724 by changing the saturation by 10% instead.

■ 59.5084, 66.3246,
98.4724

■ 59.5084, 66.3246,
98.4724

412.6472,
447.5369, 576.4886

■ 43.2705, 48.5360,
74.4156

■ 103.2266,
113.9521, 161.0898

■ 30.2928, 34.2515,
54.6354

131.4376,
144.5597, 200.4876

■ 20.2101, 23.0869,
38.7133

164.3703,
180.2092, 245.8361

■ 12.6570, 14.6577,
26.2306

202.3901,
221.2848, 297.5539

■ 7.2682, 8.5795,
16.7690

245.8623,
268.1709, 356.0595

■ 3.6782, 4.4679,
9.9097

295.1524,

■ 1.5217, 1.9386,

321.2521, 421.7715

5.2343

350.6255,
380.9126, 495.1083

■ 0.3405, 0.5714,
2.3242

■ 0.0000, 0.0000,
0.7448

■ 59.5084, 66.3246,
98.4724

■ 59.5084, 66.3246,
98.4724

■ 52.0956, 58.8973,
97.4306

■ 68.0873, 74.5701,
99.6129

■ 45.7838, 52.2465,
96.4795

■ 77.8804, 83.6574,
100.8508

■ 40.5109, 46.3378,
95.6170

■ 88.9407, 93.6188,
102.1906

■ 36.2050, 41.1307,
94.8388

■ 93.9435, 99.5574,
103.0732

■ 32.7846, 36.5791,
94.1406

■ 30.1525, 32.6290,
93.5168

■ 28.1902, 29.2709,
92.9721

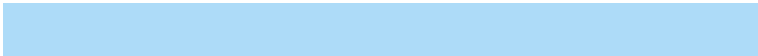
Harmonies

Analogous

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



56.0768, 66.3246, 88.5977



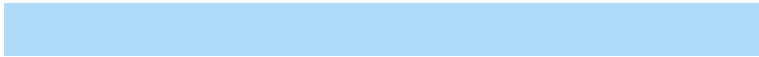
59.5084, 66.3246, 98.4724



64.0469, 66.3246, 100.9435

Triad

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



59.5084, 66.3246, 98.4724



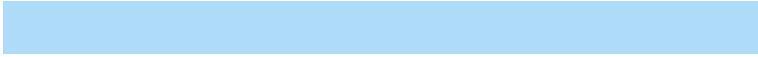
72.4023, 66.3246, 69.3842



57.8538, 66.3246, 53.4117

Complementary

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



59.5084, 66.3246, 98.4724



67.3757, 65.2154, 48.5737

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.



62.0428, 66.3246, 49.5325



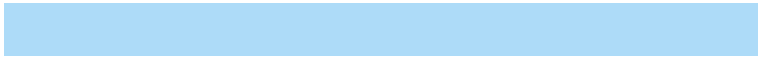
59.5084, 66.3246, 98.4724



70.5560, 66.3246, 57.9897

Square

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



59.5084, 66.3246, 98.4724



71.6418, 66.3246, 83.0223



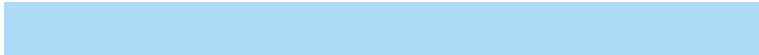
66.7077, 66.3246, 51.0988



55.1550, 66.3246, 62.3910

Rectangle

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



59.5084, 66.3246, 98.4724



67.1219, 66.3246, 97.8201



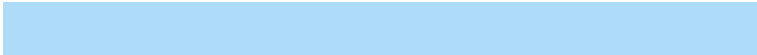
66.7077, 66.3246, 51.0988



59.1261, 66.3246, 51.5221

Sweetspot

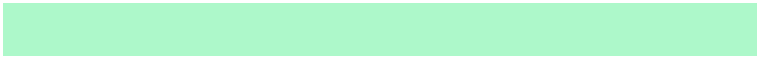
The Sweet Spot groups the original color and five complimentary colors.



59.5104, 66.3272, 98.4739



84.3392, 90.3728, 107.6063



61.4336, 80.2728, 67.9800



17.7038, 19.0258, 22.9892



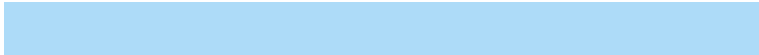
0.0000, 0.0000, 0.0000



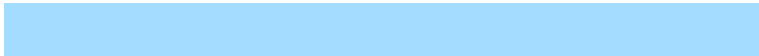
20.3446, 21.4041, 23.3091

Same Dimension

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



59.5104, 66.3272, 98.4739



58.6591, 65.9553, 104.2467



50.8553, 49.0170, 95.5889



17.1694, 18.4156, 22.0349



15.3683, 16.0922, 50.2697



1.5261, 1.6959, 4.6901

Inverse Universe

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



66.4429, 54.9599, 74.1271



67.2257, 52.6667, 73.9904



77.1953, 84.8544, 51.8469



17.6920, 17.4042, 20.2340



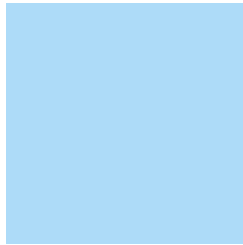
24.0492, 12.0354, 17.4996



2.2792, 1.1354, 1.8939

Previews

White Background



This preview shows how the XYZ color 59.5084, 66.3246, 98.4724 looks on a white background.

Color Contrast Check

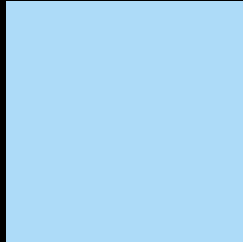
Large Text (above 18pt) WCAG AA × Fail

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 59.5084, 66.3246, 98.4724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

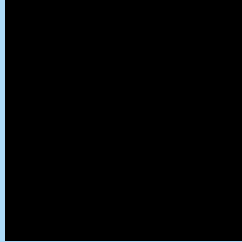
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5084, 66.3246, 98.4724

Background



This preview shows how black text looks on a background with the XYZ color 59.5084, 66.3246, 98.4724.



This preview shows how white text looks on a background with the XYZ color 59.5084, 66.3246,

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

59.5084, 66.3246, 98.4724

Protanopia

64.8057, 65.7694, 93.2835

Deuteranopia

67.2997, 65.8239, 99.6007



Tritanopia

58.0837, 66.5439, 90.6718

Trichromacy



Original Color

59.5084, 66.3246, 98.4724

Protanomaly

62.6291, 65.7223, 94.9727

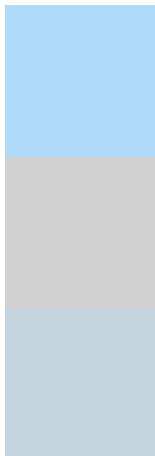
Deuteranomaly

63.9463, 65.5702, 98.9085

Tritanomaly

58.6335, 66.3679, 93.7244

Monochromacy



Original Color

59.5084, 66.3246, 98.4724

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.8785, 64.6520, 79.1352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5084, 66.3246, 98.4724 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(173, 219, 248)` looks like.

```
.text, #text, p{  
    color:rgb(173, 219, 248)  
}
```

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(173, 219, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 219, 248) }
```

Border

The CSS property to change the border of an element to XYZ 59.5084, 66.3246, 98.4724 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(173, 219, 248) }
```


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

```
.border{ border-color:rgb(173, 219, 248) }
```

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

Here you see how a box with a 4 pixel rgb(173, 219, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 219, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 219, 248);  
box-shadow:4px 4px 4px 4px rgb(173, 219,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5084, 66.3246, 98.4724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 219, 248) }
```

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

```
.background{ background-color: rgb(173,  
219, 248) }
```

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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