

Converting Colors

XYZ(59.2806, 65.4551, 97.5054)

Have a look what the booklet for
XYZ(59.2806, 65.4551, 97.5054)
contains.

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Color

**XYZ(59.2806, 65.4551,
97.5054)**

Conversions

Conversions Part 1

Format	Color
Hex	AFD9F7
RGB	175, 217, 247
RGB Percent	69%, 85%, 97%
CMY	0.3137, 0.1490, 0.0314
CMYK	0.29, 0.12, 0.00, 0.03
HSL	205°, 82%, 83%
HSV	205°, 29%, 97%
XYZ	59.2806, 65.4551, 97.5054
YIQ	207.8620, -34.6620, 0.4260

Conversions

Conversions Part 2

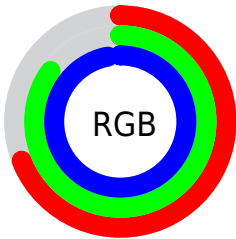
Format	Color
R_{YB}	175, 202, 247
Decimal	11524599
CIE _{Lab}	84.72, -6.93, -19.12
CIE _{LCh}	85, 20.342, 250.079
Yxy	65.4551, 0.2667, 0.2945
Android (android.graphics.Color)	4289714679 (0xFFAFD9F7)
YUV	207.8620, 19.2950, -28.8200
Hunter-Lab	80.9043, -10.7912, -14.8229

Details

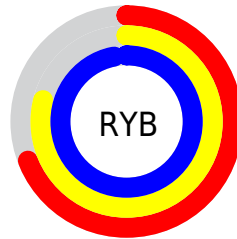
The XYZ color **59.2806, 65.4551, 97.5054** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.9280, 66.5327, 49.8211**, and the grayscale version is **59.7616, 62.8738, 68.4696**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **30.2095, 33.6672, 54.1964** is the 20% darker color. If you saturate the color by 10%, you get **51.6657, 57.7151, 96.4139**, and if you desaturate by 10%, it is **68.0790, 74.0539, 98.7025**.

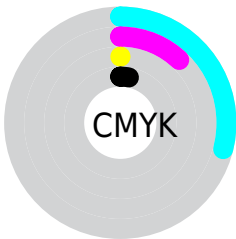
Distribution



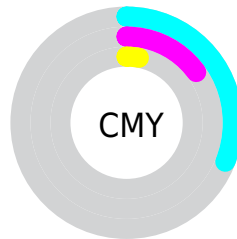
- Red (69%)
- Green (85%)
- Blue (97%)



- Red (69%)
- Yellow (79%)
- Blue (97%)



- Cyan (29%)
- Magenta (12%)
- Yellow (0%)
- Black (3%)



- Cyan (31%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2806, 65.4551, 97.5054 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 59.2806, 65.4551, 97.5054 by changing the saturation by 10% instead.

■ 59.2806, 65.4551,
97.5054

■ 59.2806, 65.4551,
97.5054

411.8183,
444.4256, 573.3430

■ 43.0863, 47.8302,
73.6136

■ 102.8977,
112.7039, 159.7466

■ 30.1476, 33.6924,
53.9830

131.0511,
143.0966, 198.9332

■ 20.0993, 22.6574,
38.1950

163.9217,
178.5140, 244.0550

■ 12.5759, 14.3408,
25.8310

201.8747,
219.3405, 295.5307

■ 7.2122, 8.3580,
16.4726

245.2755,
265.9605, 353.7788

■ 3.6426, 4.3249,
9.7013

294.4895,

■ 1.5020, 1.8569,

318.7585, 419.2179

5.0983

349.8820,
378.1187, 492.2664

■ 0.3272, 0.5223,
2.2453

■ 0.0000, 0.0000,
0.7003

■ 59.2806, 65.4551,
97.5054

■ 59.2806, 65.4551,
97.5054

■ 51.6657, 57.7151,
96.4139

■ 68.0790, 74.0539,
98.7025

■ 45.1698, 50.7915,
95.4199

■ 78.1087, 83.5358,
100.0041

■ 39.7312, 44.6496,
94.5210

■ 89.4224, 93.9338,
101.4148

■ 35.2793, 39.2482,
93.7131

■ 93.7887, 99.4955,
102.2582

■ 31.7338, 34.5411,
92.9914

■ 28.9998, 30.4744,
92.3505

■ 26.9353, 26.9697,
91.7829

■ 26.7757, 26.6895,
91.7372

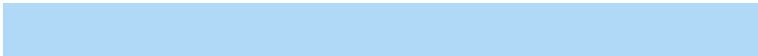
Harmonies

Analogous

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



55.7585, 65.4551, 88.6419



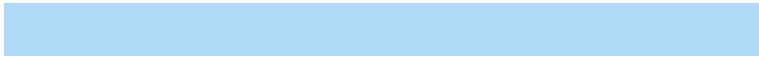
59.2806, 65.4551, 97.5054



63.7561, 65.4551, 98.8826

Triad

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



59.2806, 65.4551, 97.5054



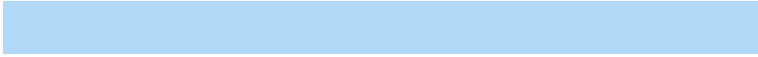
71.2269, 65.4551, 66.9757



56.7507, 65.4551, 53.7716

Complementary

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



59.2806, 65.4551, 97.5054



67.9280, 66.5327, 49.8211

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.



60.6952, 65.4551, 49.3446



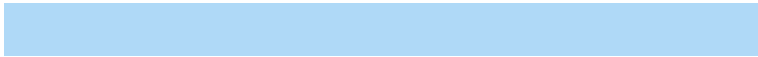
59.2806, 65.4551, 97.5054



69.1475, 65.4551, 56.3295

Square

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



59.2806, 65.4551, 97.5054



70.8027, 65.4551, 80.1487



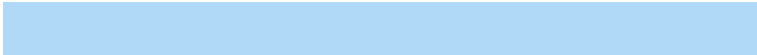
65.2408, 65.4551, 50.2202



54.3479, 65.4551, 63.0716

Rectangle

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



59.2806, 65.4551, 97.5054



66.6999, 65.4551, 95.2141



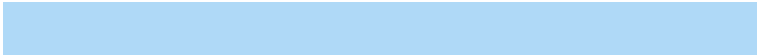
65.2408, 65.4551, 50.2202



57.9322, 65.4551, 51.7188

Sweetspot

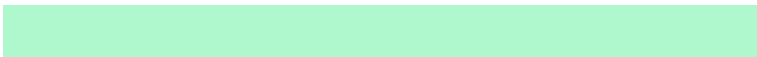
The Sweet Spot groups the original color and five complimentary colors.



59.2826, 65.4577, 97.5069



84.1301, 89.9544, 107.5365



61.8166, 79.9869, 69.1837



17.6522, 18.9226, 22.9720



0.0000, 0.0000, 0.0000



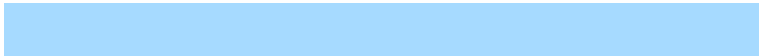
20.3446, 21.4041, 23.3091

Same Dimension

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



59.2826, 65.4577, 97.5069



58.7469, 65.3468, 104.1246



51.2383, 49.3691, 94.8255



16.3844, 17.5330, 21.0632



14.3041, 14.4021, 48.5640



1.3585, 1.4685, 4.3021

Inverse Universe

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



66.2138, 55.4457, 72.8607



67.4615, 53.4939, 72.9724



77.1982, 85.0731, 52.9112



16.9046, 16.6447, 19.2441



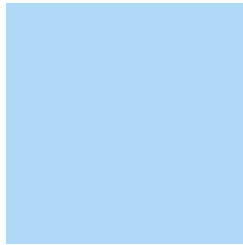
23.0246, 11.5533, 15.3697



2.0748, 1.0359, 1.6202

Previews

White Background



This preview shows how the XYZ color 59.2806, 65.4551, 97.5054 looks on a white background.

Color Contrast Check

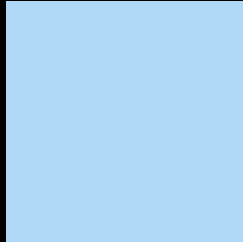
Large Text (above 18pt) WCAG AA × Fail

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 59.2806, 65.4551, 97.5054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

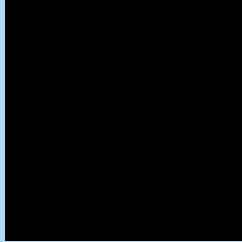
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

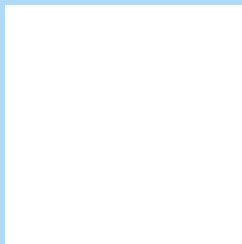
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.2806, 65.4551, 97.5054

Background



This preview shows how black text looks on a background with the XYZ color 59.2806, 65.4551, 97.5054.



This preview shows how white text looks on a background with the XYZ color 59.2806, 65.4551,

97.5054.

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

59.2806, 65.4551, 97.5054

Protanopia

64.0043, 64.9909, 93.1755

Deuteranopia

66.6108, 65.1283, 98.6828



Tritanopia

57.7054, 65.6034, 88.9782

Trichromacy



Original Color

59.2806, 65.4551, 97.5054

Protanomaly

62.1208, 65.0880, 94.8771

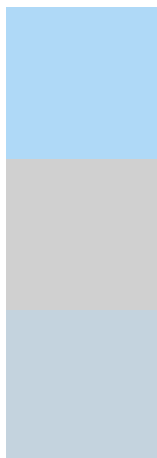
Deuteranomaly

63.5431, 65.0126, 98.0065

Tritanomaly

58.2551, 65.4327, 91.9975

Monochromacy



Original Color

59.2806, 65.4551, 97.5054

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.2440, 63.5982, 78.2604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2806, 65.4551, 97.5054 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(175, 217, 247)` looks like.

```
.text, #text, p{  
    color:rgb(175, 217, 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(175, 217, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 217, 247) }
```

Border

The CSS property to change the border of an element to XYZ 59.2806, 65.4551, 97.5054 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(175, 217, 247) }
```


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

```
.border{ border-color:rgb(175, 217, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 217, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 217, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 217, 247);  
box-shadow:4px 4px 4px 4px rgb(175, 217,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2806, 65.4551, 97.5054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 217, 247) }
```

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

```
.background{ background-color: rgb(175,  
217, 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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