

Converting Colors

XYZ(59.8854, 67.3253, 99.2624)

Have a look what the booklet for
XYZ(59.8854, 67.3253, 99.2624)
contains.

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Color

**XYZ(59.9686, 67.3231,
99.4565)**

Conversions

Conversions Part 1

Format	Color
Hex	ACDDF9
RGB	172, 221, 249
RGB Percent	67%, 87%, 98%
CMY	0.3255, 0.1333, 0.0235
CMYK	0.31, 0.11, 0.00, 0.02
HSL	202°, 87%, 83%
HSV	202°, 31%, 98%
XYZ	59.9686, 67.3231, 99.4565
YIQ	209.5410, -38.1920, -1.6800

Conversions

Conversions Part 2

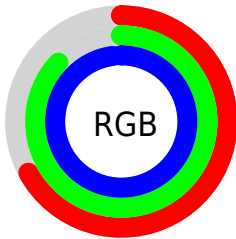
Format	Color
RYB	172, 202, 249
Decimal	11329017
CIELab	85.67, -9.38, -18.77
CIELCh	86, 20.978, 243.452
Yxy	67.3231, 0.2645, 0.2969
Android (android.graphics.Color)	4289519097 (0xFFACDDF9)
YUV	209.5410, 19.4533, -32.9235
Hunter-Lab	82.0507, -13.1278, -14.4320

Details

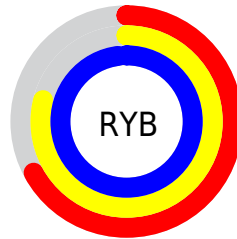
The XYZ color **59.9686, 67.3231, 99.4565** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.1686, 64.4276, 47.9271**, and the grayscale version is **60.8541, 64.0232, 69.7213**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **30.5980, 34.9046, 55.5767** is the 20% darker color. If you saturate the color by 10%, you get **52.6813, 60.1143, 98.4503**, and if you desaturate by 10%, it is **68.4128, 75.3229, 100.5567**.

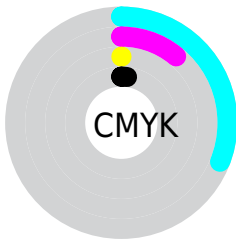
Distribution



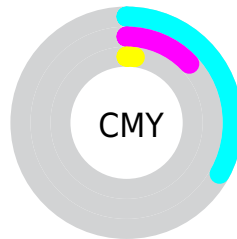
- Red (67%)
- Green (87%)
- Blue (98%)



- Red (67%)
- Yellow (79%)
- Blue (98%)



- Cyan (31%)
- Magenta (11%)
- Yellow (0%)
- Black (2%)



- Cyan (33%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9686, 67.3231, 99.4565 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 59.9686, 67.3231, 99.4565 by changing the saturation by 10% instead.

■ 59.9686, 67.3231,
99.4565

■ 59.9686, 67.3231,
99.4565

414.3186,
451.0940, 579.6805

■ 43.6427, 49.3472,
75.2324

■ 103.8907,
115.3833, 162.4554

■ 30.5864, 34.8950,
55.3004

132.2176,
146.2364, 202.0673

■ 20.4344, 23.5820,
39.2421

165.2756,
182.1506, 247.6456

■ 12.8213, 15.0239,
26.6388

203.4300,
223.5105, 299.6086

■ 7.3818, 8.8361,
17.0721

247.0461,
270.7004, 358.3752

■ 3.7504, 4.6344,
10.1234

296.4894,

■ 1.5619, 2.0344,

324.1047, 424.3636

5.3742

352.1251,
384.1078, 497.9926

■ 0.3674, 0.6274,
2.4059

■ 0.0000, 0.0000,
0.7896

■ 59.9686, 67.3231,
99.4565

■ 59.9686, 67.3231,
99.4565

■ 52.6813, 60.1143,
98.4503

■ 68.4128, 75.3229,
100.5567

■ 46.4854, 53.6549,
97.5301

■ 78.0626, 84.1369,
101.7494

■ 41.3179, 47.9111,
96.6937

■ 88.9710, 93.7970,
103.0390

■ 37.1064, 42.8423,
95.9373

■ 94.0991, 99.6196,
103.8926

■ 33.7680, 38.4025,
95.2563

■ 31.2036, 34.5376,
94.6455

■ 29.4049, 31.4511,
94.1445

Harmonies

Analogous

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



56.6235, 67.3231, 88.7887



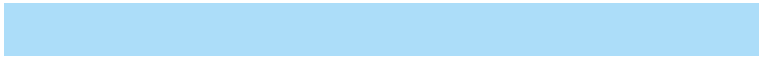
59.9686, 67.3231, 99.4565



64.5434, 67.3231, 102.8366

Triad

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



59.9686, 67.3231, 99.4565



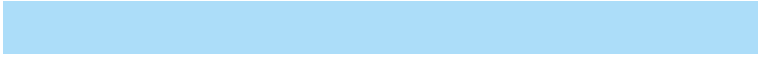
73.6066, 67.3231, 71.7303



59.0556, 67.3231, 53.4647

Complementary

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



59.9686, 67.3231, 99.4565



67.1686, 64.4276, 47.9271

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.



63.4369, 67.3231, 50.0466



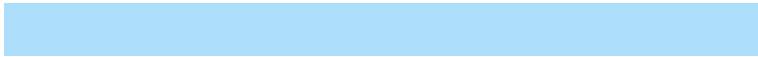
59.9686, 67.3231, 99.4565



71.9661, 67.3231, 59.7322

Square

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



59.9686, 67.3231, 99.4565



72.5661, 67.3231, 85.7066



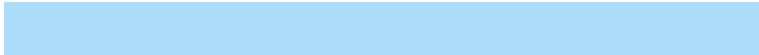
68.1843, 67.3231, 52.1911



56.1151, 67.3231, 62.1586

Rectangle

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



59.9686, 67.3231, 99.4565



67.7158, 67.3231, 100.1950



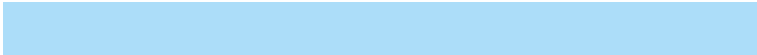
68.1843, 67.3231, 52.1911



60.4007, 67.3231, 51.7133

Sweetspot

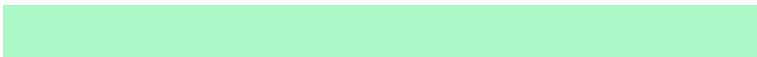
The Sweet Spot groups the original color and five complimentary colors.



59.9707, 67.3258, 99.4581



84.5003, 90.6950, 107.6600



61.1935, 80.6446, 66.3448



17.7436, 19.1053, 23.0024



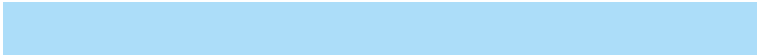
0.0000, 0.0000, 0.0000



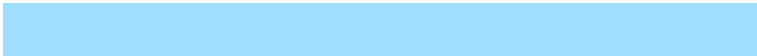
20.3446, 21.4041, 23.3091

Same Dimension

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



59.9707, 67.3258, 99.4581



58.4530, 66.3118, 104.3264



51.1610, 49.7064, 96.5215



17.2041, 18.4850, 22.0465



15.8796, 17.1149, 50.4401



1.5715, 1.7866, 4.7052

Inverse Universe

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



66.8723, 54.8671, 75.4753



66.9341, 51.8317, 74.6692



76.9293, 83.9490, 51.1807



17.7096, 17.4112, 20.3263



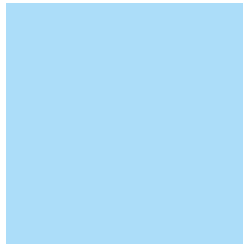
24.3073, 12.1387, 18.8587



2.3021, 1.1446, 2.0144

Previews

White Background



This preview shows how the XYZ color 59.9686, 67.3231, 99.4565 looks on a white background.

Color Contrast Check

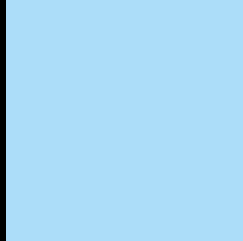
Large Text (above 18pt) WCAG AA × Fail

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 59.9686, 67.3231, 99.4565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

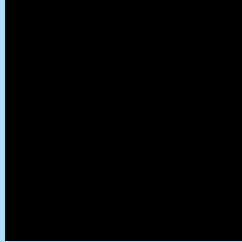
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9686, 67.3231, 99.4565

Background



This preview shows how black text looks on a background with the XYZ color 59.9686, 67.3231, 99.4565.

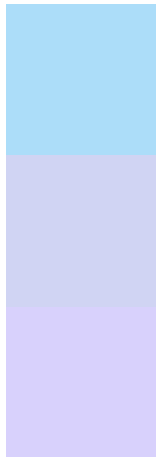


This preview shows how white text looks on a background with the XYZ color 59.9686, 67.3231,

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

59.9686, 67.3231, 99.4565

Protanopia

65.7336, 66.9679, 94.2556

Deuteranopia

68.6901, 67.2281, 101.4514



Tritanopia

58.4270, 67.0799, 92.3064

Trichromacy



Original Color

59.9686, 67.3231, 99.4565

Protanomaly

63.2875, 66.7956, 95.9434

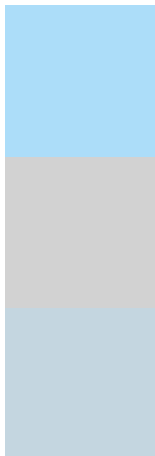
Deuteranomaly

65.0263, 66.8329, 100.7396

Tritanomaly

59.0935, 67.3715, 94.6835

Monochromacy



Original Color

59.9686, 67.3231, 99.4565

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.2661, 65.2107, 79.9316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9686, 67.3231, 99.4565 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(172, 221, 249)` looks like.

```
.text, #text, p{  
    color:rgb(172, 221, 249)  
}
```

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(172, 221, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 221, 249) }
```

Border

The CSS property to change the border of an element to XYZ 59.9686, 67.3231, 99.4565 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(172, 221, 249) }
```


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

```
.border{ border-color:rgb(172, 221, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 221, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 221, 249); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 221, 249); box-shadow:4px 4px 4px 4px rgb(172, 221, 249) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9686, 67.3231, 99.4565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 221, 249) }
```

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

```
.background{ background-color: rgb(172,  
221, 249) }
```

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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