

Converting Colors

XYZ(61.1367, 66.5145,
111.7621)

Have a look what the booklet for
XYZ(61.1367, 66.5145, 111.7621)
contains.

XYZ(59.6990, 65.9089, 104.1830)	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(59.6990, 65.9089,
104.1830)**

Conversions

Conversions Part 1

Format	Color
Hex	AADAFF
RGB	170, 218, 255
RGB Percent	67%, 85%, 100%
CMY	0.3333, 0.1451, 0.0000
CMYK	0.33, 0.15, 0.00, 0.00
HSL	206°, 100%, 83%
HSV	206°, 33%, 100%
XYZ	59.6990, 65.9089, 104.1830
YIQ	207.8660, -40.4850, 1.3310

Conversions

Conversions Part 2

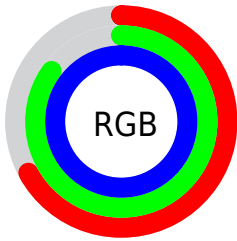
Format	Color
RYB	170, 201, 255
Decimal	11197183
CIELab	84.95, -6.93, -23.03
CIELCh	85, 24.048, 253.253
Yxy	65.9089, 0.2598, 0.2868
Android (android.graphics.Color)	4289387263 (0xFFAADAFF)
YUV	207.8660, 23.2371, -33.2085
Hunter-Lab	81.1843, -10.8123, -19.2573

Details

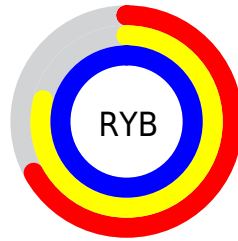
The XYZ color **59.6990, 65.9089, 104.1830** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.8088, 68.7879, 47.5775**, and the grayscale version is **59.7421, 62.8534, 68.4473**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **30.3605, 33.9164, 58.3724** is the 20% darker color. If you saturate the color by 10%, you get **51.9296, 57.7743, 103.0223**, and if you desaturate by 10%, it is **68.7340, 74.9852, 105.4587**.

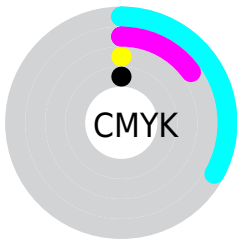
Distribution



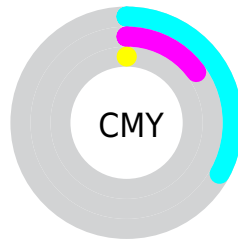
- Red (67%)
- Green (85%)
- Blue (100%)



- Red (67%)
- Yellow (79%)
- Blue (100%)



- Cyan (33%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6990, 65.9089, 104.1830 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 59.6990, 65.9089, 104.1830 by changing the saturation by 10% instead.

■ 59.6990, 65.9089,
104.1830

■ 59.6990, 65.9089,
104.1830

413.3399,
446.0510, 594.8830

■ 43.4246, 48.1985,
79.1622

■ 103.5017,
113.3556, 168.9956

■ 30.4144, 33.9841,
58.5071

131.7608,
143.8606, 209.6246

■ 20.3029, 22.8814,
41.7991

164.7454,
179.3992, 256.2933

■ 12.7250, 14.5059,
28.6196

202.8210,
220.3559, 309.4204

■ 7.3151, 8.4734,
18.5501

246.3529,
267.1151, 369.4244

■ 3.7080, 4.3993,
11.1722

295.7064,

■ 1.5383, 1.8993,

320.0610, 436.7237

6.0671

351.2470,
379.5782, 511.7371

■ 0.3517, 0.5480,
2.8165

■ 0.0000, 0.0000,
1.0017

■ 59.6990, 65.9089,
104.1830

■ 59.6990, 65.9089,
104.1830

■ 51.9296, 57.7743,
103.0223

■ 68.7340, 74.9852,
105.4587

■ 45.3544, 50.5344,
101.9714

■ 79.0897, 85.0323,
106.8521

■ 39.9029, 44.1487,
101.0262

■ 90.8246, 96.0872,
108.3675

■ 35.4944, 38.5695,
100.1817

95.0500, 100.0000,
108.9000

■ 32.0355, 33.7428,
99.4323

■ 29.4137, 29.6041,
98.7716

■ 28.0244, 27.1687,
98.3748

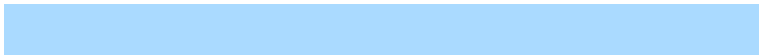
Harmonies

Analogous

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



55.3800, 65.9089, 94.1369



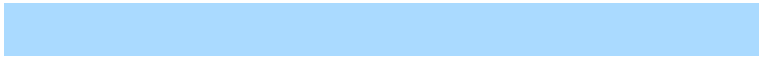
59.6990, 65.9089, 104.1830



65.0558, 65.9089, 104.7860

Triad

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



59.6990, 65.9089, 104.1830



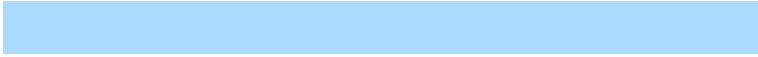
73.3079, 65.9089, 65.1580



55.7935, 65.9089, 52.2055

Complementary

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



59.6990, 65.9089, 104.1830



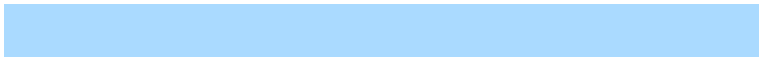
70.8088, 68.7879, 47.5775

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.



60.2934, 65.9089, 46.5290



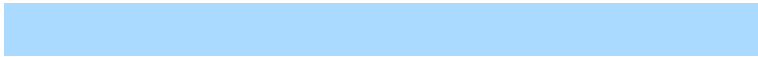
59.6990, 65.9089, 104.1830



70.5179, 65.9089, 53.2498

Square

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



59.6990, 65.9089, 104.1830



73.1261, 65.9089, 80.6806



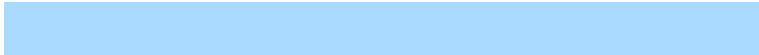
65.6852, 65.9089, 46.8816



53.2155, 65.9089, 63.5290

Rectangle

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



59.6990, 65.9089, 104.1830



68.5141, 65.9089, 99.6239



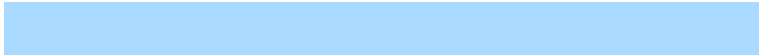
65.6852, 65.9089, 46.8816



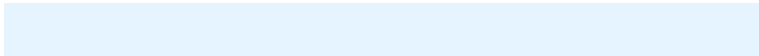
57.1200, 65.9089, 49.6516

Sweetspot

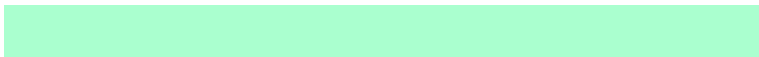
The Sweet Spot groups the original color and five complimentary colors.



59.7008, 65.9114, 104.1833



82.8437, 88.6020, 107.3433



63.5808, 84.5634, 71.8974



17.3890, 18.6392, 22.9312



0.0000, 0.0000, 0.0000



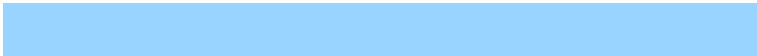
20.3446, 21.4041, 23.3091

Same Dimension

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



59.7008, 65.9114, 104.1833



54.3826, 60.3838, 103.3967



50.0891, 46.6880, 100.9794



17.8543, 19.0802, 22.9918



14.7947, 14.4989, 51.4534



1.5492, 1.6292, 5.0461

Inverse Universe

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



68.2709, 55.0730, 73.3644



64.3394, 48.7257, 67.3813



82.4749, 92.1202, 51.4662



18.4391, 18.1590, 20.9294



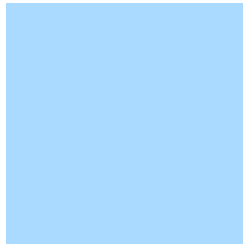
24.2559, 12.1916, 15.2637



2.4166, 1.2090, 1.7752

Previews

White Background



This preview shows how the XYZ color 59.6990, 65.9089, 104.1830 looks on a white background.

Color Contrast Check

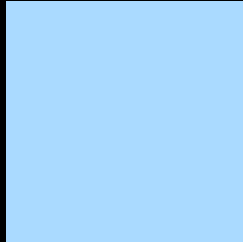
Large Text (above 18pt) WCAG AA × Fail

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 59.6990, 65.9089, 104.1830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

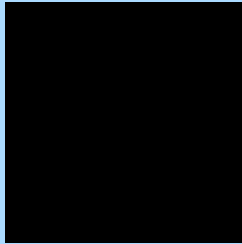
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

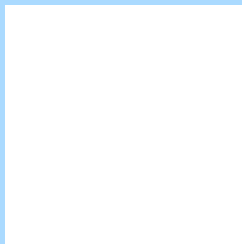
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6990, 65.9089, 104.1830

Background



This preview shows how black text looks on a background with the XYZ color 59.6990, 65.9089, 104.1830.



This preview shows how white text looks on a background with the XYZ color 59.6990, 65.9089,

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

59.6990, 65.9089, 104.1830

Protanopia

65.0473, 65.7701, 98.8891

Deuteranopia

66.6573, 65.4010, 103.7182



Tritanopia

57.1623, 66.0519, 91.3979

Trichromacy



Original Color

59.6990, 65.9089, 104.1830

Protanomaly

62.9451, 65.7600, 100.6422

Deuteranomaly

63.8499, 65.4106, 103.8680

Tritanomaly

58.0110, 65.9945, 96.0669

Monochromacy



Original Color

59.6990, 65.9089, 104.1830

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.3822, 63.9925, 80.4562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6990, 65.9089, 104.1830 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(170, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(170, 218, 255)  
}
```

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(170, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 218, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.6990, 65.9089, 104.1830 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(170, 218, 255) }
```


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

```
.border{ border-color:rgb(170, 218, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 218, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(170, 218,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6990, 65.9089, 104.1830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 218, 255) }
```

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

```
.background{ background-color: rgb(170,  
218, 255) }
```

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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