

Converting Colors

XYZ(59.6406, 63.5323,
103.7273)

Have a look what the booklet for
XYZ(59.6406, 63.5323, 103.7273)
contains.

XYZ(59.7249, 63.6541, 103.7464)	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(59.7249, 63.6541,
103.7464)**

Conversions

Conversions Part 1

Format	Color
Hex	B1D4FF
RGB	177, 212, 255
RGB Percent	69%, 83%, 100%
CMY	0.3059, 0.1686, 0.0000
CMYK	0.31, 0.17, 0.00, 0.00
HSL	213°, 100%, 85%
HSV	213°, 31%, 100%
XYZ	59.7249, 63.6541, 103.7464
YIQ	206.4370, -34.6630, 5.9530

Conversions

Conversions Part 2

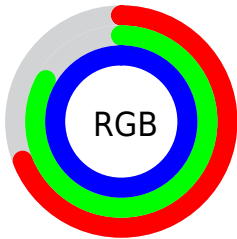
Format	Color
R _Y B	177, 201, 255
Decimal	11654399
CIE Lab	83.79, -1.85, -24.76
CIE LCh	84, 24.829, 265.732
Yxy	63.6541, 0.2630, 0.2803
Android (android.graphics.Color)	4289844479 (0xFFB1D4FF)
YUV	206.4370, 23.9416, -25.8162
Hunter-Lab	79.7835, -5.9984, -21.2492

Details

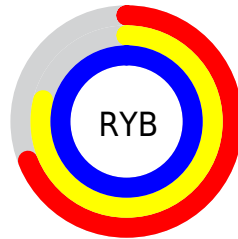
The XYZ color **59.7249, 63.6541, 103.7464** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **74.7691, 75.6203, 52.2521**, and the grayscale version is **58.8150, 61.8779, 67.3850**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **30.4459, 32.6685, 58.1271** is the 20% darker color. If you saturate the color by 10%, you get **51.0881, 54.2116, 102.3790**, and if you desaturate by 10%, it is **69.7565, 74.2728, 105.2673**.

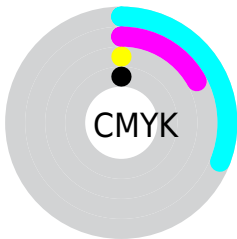
Distribution



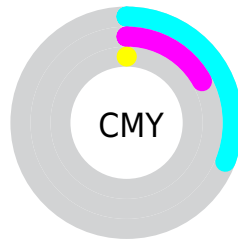
- Red (69%)
- Green (83%)
- Blue (100%)



- Red (69%)
- Yellow (79%)
- Blue (100%)



- Cyan (31%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7249, 63.6541, 103.7464 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 59.7249, 63.6541, 103.7464 by changing the saturation by 10% instead.

■ 59.7249, 63.6541,
103.7464

■ 59.7249, 63.6541,
103.7464

413.4340,
437.9395, 593.4873

■ 43.4455, 46.3706,
78.7987

■ 103.5391,
110.1126, 168.3928

■ 30.4309, 32.5383,
58.2100

131.8047,
140.0564, 208.9285

■ 20.3156, 21.7730,
41.5617

164.7964,
174.9891, 255.4974

■ 12.7342, 13.6902,
28.4352

202.8795,
215.2950, 308.5179

■ 7.3215, 7.9055,
18.4121

246.4195,
261.3587, 368.4086

■ 3.7121, 4.0346,
11.0738

295.7817,

■ 1.5406, 1.6929,

313.5643, 435.5881

6.0017

351.3314,
372.2965, 510.4748

■ 0.3532, 0.4191,
2.7773

■ 0.0000, 0.0000,
0.9821

■ 59.7249, 63.6541,
103.7464

■ 59.7249, 63.6541,
103.7464

■ 51.0881, 54.2116,
102.3790

■ 69.7565, 74.2728,
105.2673

■ 43.7724, 45.8913,
101.1586

■ 81.2407, 86.1042,
106.9457

■ 37.7049, 38.6451,
100.0797

■ 94.2388, 99.1919,
108.7868

■ 32.8029, 32.4180,
99.1361

■ 95.0500, 100.0000,
108.9000

■ 28.9724, 27.1482,
98.3209

■ 26.1020, 22.7647,
97.6260

■ 24.1160, 19.3521,
97.0720

Harmonies

Analogous

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



54.7913, 63.6541, 97.1826



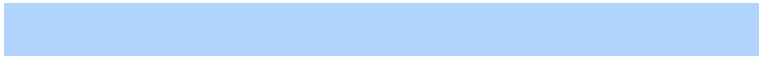
59.7249, 63.6541, 103.7464



65.1654, 63.6541, 100.0072

Triad

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



59.7249, 63.6541, 103.7464



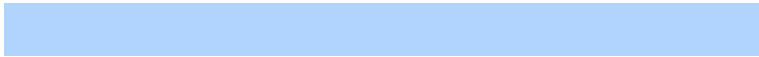
70.4395, 63.6541, 57.0795



52.2488, 63.6541, 53.7481

Complementary

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



59.7249, 63.6541, 103.7464



74.7691, 75.6203, 52.2521

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.



56.0653, 63.6541, 45.6386



59.7249, 63.6541, 103.7464



66.5948, 63.6541, 47.3498

Square

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



59.7249, 63.6541, 103.7464



71.5632, 63.6541, 71.5657



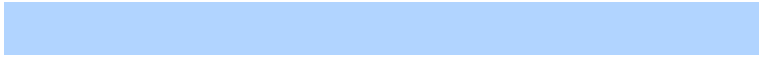
61.2844, 63.6541, 43.4841



50.6425, 63.6541, 67.0992

Rectangle

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



59.7249, 63.6541, 103.7464



68.3188, 63.6541, 92.4352



61.2844, 63.6541, 43.4841



53.3042, 63.6541, 50.4018

Sweetspot

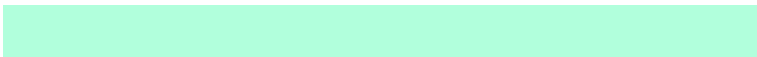
The Sweet Spot groups the original color and five complimentary colors.



59.7267, 63.6565, 103.7467



83.2010, 88.0963, 107.2269



66.7974, 86.0296, 80.7265



17.4235, 18.4650, 22.8957



0.0000, 0.0000, 0.0000



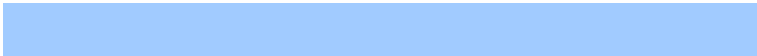
20.3446, 21.4041, 23.3091

Same Dimension

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



59.7267, 63.6565, 103.7467



54.0309, 57.4676, 102.8524



52.8061, 48.4776, 101.1817



17.6742, 18.7199, 22.9317



12.7452, 10.4000, 50.7702



1.3481, 1.2269, 4.9790

Inverse Universe

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



68.8470, 57.4592, 69.7522



64.7020, 50.9389, 62.9153



83.5159, 95.2223, 55.5746



18.3482, 18.1226, 20.4507



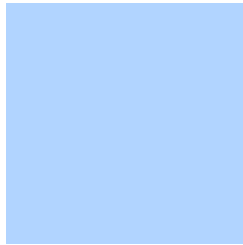
23.2214, 11.7778, 9.8162



2.3151, 1.1684, 1.2406

Previews

White Background



This preview shows how the XYZ color 59.7249, 63.6541, 103.7464 looks on a white background.

Color Contrast Check

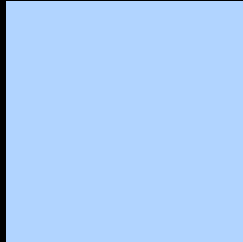
Large Text (above 18pt) WCAG AA × Fail

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 59.7249, 63.6541, 103.7464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

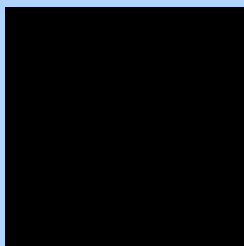
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

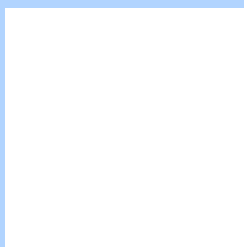
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.7249, 63.6541, 103.7464

Background



This preview shows how black text looks on a background with the XYZ color 59.7249, 63.6541, 103.7464.



This preview shows how white text looks on a background with the XYZ color 59.7249, 63.6541,

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

59.7249, 63.6541, 103.7464

Protanopia

63.0371, 63.2498, 100.1528

Deuteranopia

64.5447, 63.2431, 103.4130



Tritanopia

56.2771, 63.7656, 86.4327

Trichromacy



Original Color

59.7249, 63.6541, 103.7464

Protanomaly

61.6124, 63.2164, 101.0501

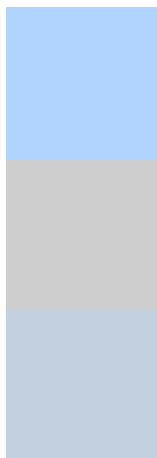
Deuteranomaly

62.6110, 63.3150, 103.5288

Tritanomaly

57.6332, 63.9504, 92.5252

Monochromacy



Original Color

59.7249, 63.6541, 103.7464

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.5161, 62.0957, 79.4225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7249, 63.6541, 103.7464 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(177, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(177, 212, 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(177, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 212, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.7249, 63.6541, 103.7464 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(177, 212, 255) }
```


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

```
.border{ border-color:rgb(177, 212, 255) }
```

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

Here you see how a box with a 4 pixel rgb(177, 212, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(177, 212,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7249, 63.6541, 103.7464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 212, 255) }
```

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

```
.background{ background-color: rgb(177,  
212, 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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