

Converting Colors

XYZ(59.5314, 65.0224,
104.0207)

Have a look what the booklet for
XYZ(59.5314, 65.0224, 104.0207)
contains.

XYZ(59.6191, 65.1024, 104.0315)	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(59.6191, 65.1024,
104.0315)**

Conversions

Conversions Part 1

Format	Color
Hex	ACD8FF
RGB	172, 216, 255
RGB Percent	67%, 85%, 100%
CMY	0.3255, 0.1529, 0.0000
CMYK	0.33, 0.15, 0.00, 0.00
HSL	208°, 100%, 84%
HSV	208°, 33%, 100%
XYZ	59.6191, 65.1024, 104.0315
YIQ	207.2900, -38.7430, 2.8010

Conversions

Conversions Part 2

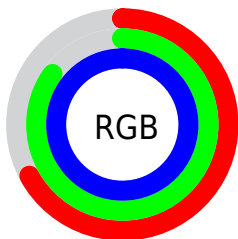
Format	Color
R_{YB}	172, 201, 255
Decimal	11327743
CIE Lab	84.54, -5.34, -23.65
CIE LCh	85, 24.241, 257.278
Yxy	65.1024, 0.2606, 0.2846
Android (android.graphics.Color)	4289517823 (0xFFACD8FF)
YUV	207.2900, 23.5210, -30.9493
Hunter-Lab	80.6861, -9.3066, -19.9645

Details

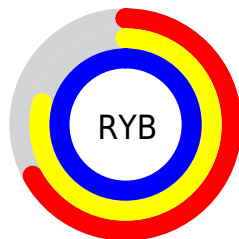
The XYZ color **59.6191, 65.1024, 104.0315** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.9809, 70.8270, 48.9087**, and the grayscale version is **59.3676, 62.4594, 68.0183**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **30.2740, 33.3489, 58.2674** is the 20% darker color. If you saturate the color by 10%, you get **51.5921, 56.5738, 102.8084**, and if you desaturate by 10%, it is **68.9474, 74.6371, 105.3802**.

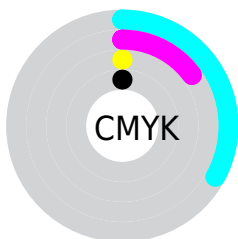
Distribution



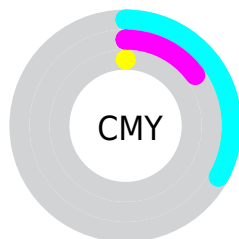
- Red (67%)
- Green (85%)
- Blue (100%)



- 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 59.6191, 65.1024, 104.0315 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 59.6191, 65.1024, 104.0315 by changing the saturation by 10% instead.

■ 59.6191, 65.1024,
104.0315

■ 59.6191, 65.1024,
104.0315

413.0496,
443.1599, 594.3989

■ 43.3600, 47.5441,
79.0361

■ 103.3864,
112.1971, 168.7865

■ 30.3634, 33.4660,
58.4040

131.6253,
142.5022, 209.3831

■ 20.2640, 22.4837,
41.7167

164.5882,
177.8252, 256.0172

■ 12.6965, 14.2127,
28.5556

202.6404,
218.5502, 309.1073

■ 7.2954, 8.2688,
18.5022

246.1473,
265.0618, 369.0720

■ 3.6955, 4.2674,
11.1380

295.4742,

■ 1.5314, 1.8242,

317.7444, 436.3298

6.0444

350.9866,
376.9823, 511.2992

■ 0.3470, 0.5022,
2.8029

■ 0.0000, 0.0000,
0.9949

■ 59.6191, 65.1024,
104.0315

■ 59.6191, 65.1024,
104.0315

■ 51.5921, 56.5738,
102.8084

■ 68.9474, 74.6371,
105.3802

■ 44.7944, 49.0028,
101.7053

■ 79.6327, 85.2090,
106.8576

■ 39.1553, 42.3469,
100.7178

■ 91.7341, 96.8565,
108.4680

■ 34.5933, 36.5568,
99.8406

95.0500, 100.0000,
108.9000

■ 31.0154, 31.5766,
99.0679

■ 28.3096, 27.3404,
98.3929

■ 26.7402, 24.6005,
97.9467

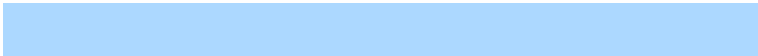
Harmonies

Analogous

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



55.0969, 65.1024, 95.0547



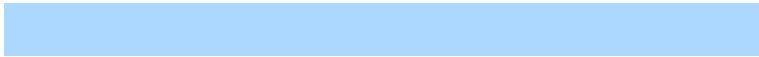
59.6191, 65.1024, 104.0315



65.0135, 65.1024, 103.2434

Triad

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



59.6191, 65.1024, 104.0315



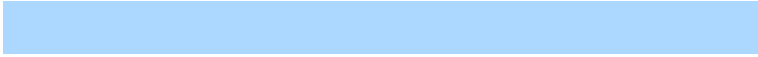
72.3324, 65.1024, 62.4146



54.5585, 65.1024, 52.5628

Complementary

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



59.6191, 65.1024, 104.0315



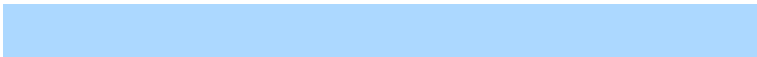
71.9809, 70.8270, 48.9087

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.



58.8447, 65.1024, 46.1115



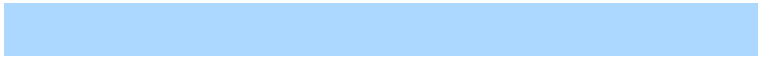
59.6191, 65.1024, 104.0315



69.1936, 65.1024, 51.2054

Square

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



59.6191, 65.1024, 104.0315



72.5697, 65.1024, 77.6385



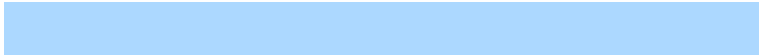
64.1930, 65.1024, 45.6537



52.2914, 65.1024, 64.5358

Rectangle

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



59.6191, 65.1024, 104.0315



68.3828, 65.1024, 97.2800



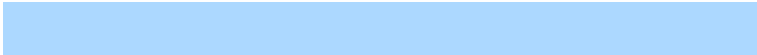
64.1930, 65.1024, 45.6537



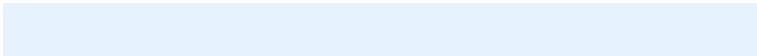
55.7992, 65.1024, 49.7573

Sweetspot

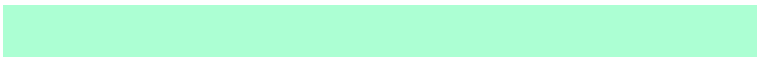
The Sweet Spot groups the original color and five complimentary colors.



59.6209, 65.1049, 104.0319



82.5791, 88.0728, 107.2551



64.4987, 84.9809, 74.4576



17.3250, 18.5112, 22.9098



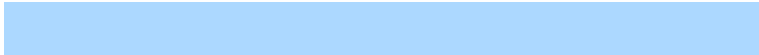
0.0000, 0.0000, 0.0000



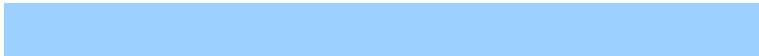
20.3446, 21.4041, 23.3091

Same Dimension

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



59.6209, 65.1049, 104.0319



54.2960, 59.4883, 103.2284



50.3493, 46.5616, 100.9413



17.8003, 18.9722, 22.9738



14.1233, 13.1561, 51.2296



1.4846, 1.4998, 5.0245

Inverse Universe

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



68.3884, 55.7245, 72.1199



64.4719, 49.4537, 65.9985



83.5705, 94.0062, 52.7719



18.4118, 18.1480, 20.7859



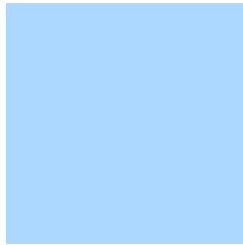
23.9170, 12.0561, 13.4791



2.3839, 1.1960, 1.6033

Previews

White Background



This preview shows how the XYZ color 59.6191, 65.1024, 104.0315 looks on a white background.

Color Contrast Check

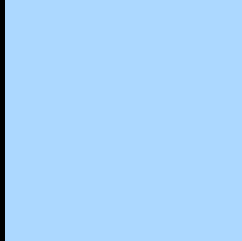
Large Text (above 18pt) WCAG AA × Fail

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 59.6191, 65.1024, 104.0315 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

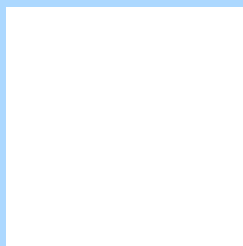
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6191, 65.1024, 104.0315

Background



This preview shows how black text looks on a background with the XYZ color 59.6191, 65.1024, 104.0315.



This preview shows how white text looks on a background with the XYZ color 59.6191, 65.1024,

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

59.6191, 65.1024, 104.0315

Protanopia

64.4129, 65.0596, 99.6053

Deuteranopia

66.1337, 64.7725, 103.6245



Tritanopia

56.7660, 65.1023, 89.6949

Trichromacy



Original Color

59.6191, 65.1024, 104.0315

Protanomaly

62.6000, 65.1916, 101.3793

Deuteranomaly

63.6023, 64.9153, 103.7854

Tritanomaly

57.7627, 65.1095, 95.1109

Monochromacy



Original Color

59.6191, 65.1024, 104.0315

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.7493, 62.9443, 79.5741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6191, 65.1024, 104.0315 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, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(172, 216, 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(172, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 216, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.6191, 65.1024, 104.0315 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, 216, 255) }
```


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

```
.border{ border-color:rgb(172, 216, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(172, 216,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6191, 65.1024, 104.0315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 216, 255) }
```

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

```
.background{ background-color: rgb(172,  
216, 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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