

Converting Colors

XYZ(65.7036, 67.2773,
138.6040)

Have a look what the booklet for
XYZ(65.7036, 67.2773, 138.6040)
contains.

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Color

**XYZ(58.9280, 64.3669,
103.9260)**

Conversions

Conversions Part 1

Format	Color
Hex	AAD7FF
RGB	170, 215, 255
RGB Percent	67%, 84%, 100%
CMY	0.3333, 0.1568, 0.0000
CMYK	0.33, 0.16, 0.00, 0.00
HSL	208°, 100%, 83%
HSV	208°, 33%, 100%
XYZ	58.9280, 64.3669, 103.9260
YIQ	206.1050, -39.6600, 2.9000

Conversions

Conversions Part 2

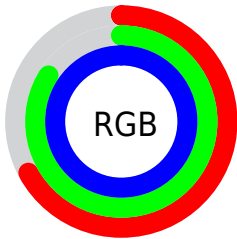
Format	Color
R _Y B	170, 199, 255
Decimal	11196415
CIE Lab	84.16, -5.36, -24.23
CIE LCh	84, 24.820, 257.527
Yxy	64.3669, 0.2593, 0.2833
Android (android.graphics.Color)	4289386495 (0xFFAAD7FF)
YUV	206.1050, 24.1052, -31.6641
Hunter-Lab	80.2290, -9.2929, -20.6420

Details

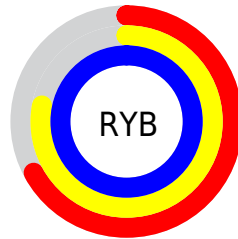
The XYZ color **58.9280, 64.3669, 103.9260** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.5426, 70.2556, 47.8221**, and the grayscale version is **58.6037, 61.6557, 67.1430**.

A 20% lighter version of the original color is **85.4886, 95.0709, 108.4525**, and **29.8341, 32.8637, 58.1970** is the 20% darker color. If you saturate the color by 10%, you get **50.9968, 55.9088, 102.7114**, and if you desaturate by 10%, it is **68.1561, 73.8293, 105.2660**.

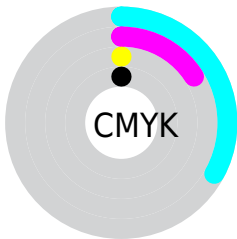
Distribution



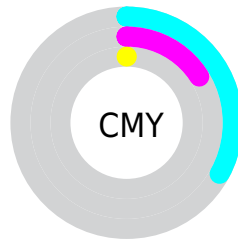
- Red (67%)
- Green (84%)
- Blue (100%)



- Red (67%)
- Yellow (78%)
- Blue (100%)



- Cyan (33%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9280, 64.3669, 103.9260 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 58.9280, 64.3669, 103.9260 by changing the saturation by 10% instead.

■ 58.9280, 64.3669,
103.9260

■ 58.9280, 64.3669,
103.9260

410.5334,
440.5134, 594.0616

■ 42.8013, 46.9479,
78.9482

■ 102.3882,
111.1392, 168.6408

■ 29.9231, 32.9945,
58.3322

130.4525,
141.2612, 209.2149

■ 19.9280, 22.1222,
41.6593

163.2267,
176.3864, 255.8249

■ 12.4507, 13.9467,
28.5110

201.0761,
216.8992, 308.8892

■ 7.1258, 8.0836,
18.4688

244.3661,
263.1838, 368.8266

■ 3.5879, 4.1485,
11.1142

293.4621,

■ 1.4718, 1.7570,

315.6248, 436.0554

6.0286

348.7294,
374.6065, 510.9942

■ 0.3065, 0.4601,
2.7934

■ 0.0000, 0.0000,
0.9901

■ 58.9280, 64.3669,
103.9260

■ 58.9280, 64.3669,
103.9260

■ 50.9968, 55.9088,
102.7114

■ 68.1561, 73.8293,
105.2660

■ 44.2902, 48.4061,
101.6167

■ 78.7372, 84.3273,
106.7346

■ 38.7366, 41.8161,
100.6374

■ 90.7308, 95.8997,
108.3362

■ 34.2541, 36.0889,
99.7682

95.0500, 100.0000,
108.9000

■ 30.7481, 31.1680,
99.0032

■ 28.1048, 26.9864,
98.3354

■ 26.7149, 24.5497,
97.9383

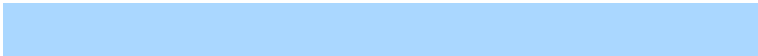
Harmonies

Analogous

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



54.3267, 64.3669, 94.8214



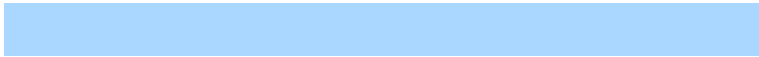
58.9280, 64.3669, 103.9260



64.4119, 64.3669, 103.0317

Triad

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



58.9280, 64.3669, 103.9260



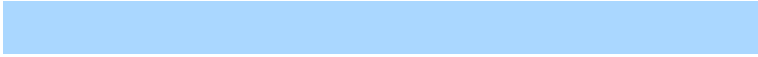
71.8026, 64.3669, 61.3719



53.7211, 64.3669, 51.5952

Complementary

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



58.9280, 64.3669, 103.9260



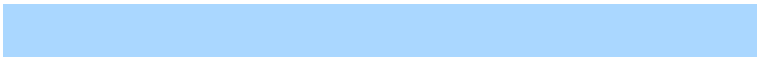
71.5426, 70.2556, 47.8221

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.



58.0557, 64.3669, 45.0368



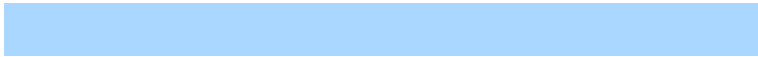
58.9280, 64.3669, 103.9260



68.5841, 64.3669, 50.0740

Square

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



58.9280, 64.3669, 103.9260



72.0709, 64.3669, 76.8162



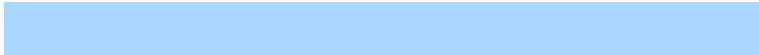
63.4862, 64.3669, 44.5251



51.4434, 64.3669, 63.7583

Rectangle

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



58.9280, 64.3669, 103.9260



67.8341, 64.3669, 96.8867



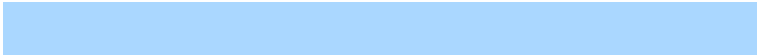
63.4862, 64.3669, 44.5251



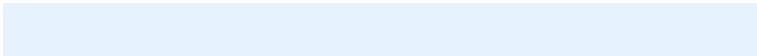
54.9737, 64.3669, 48.7463

Sweetspot

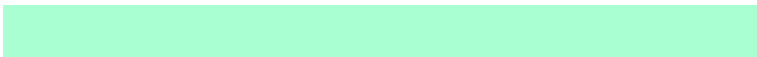
The Sweet Spot groups the original color and five complimentary colors.



58.9298, 64.3693, 103.9263



82.5737, 88.0619, 107.2533



63.9300, 84.7031, 73.7365



17.3237, 18.5086, 22.9094



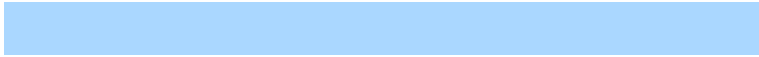
0.0000, 0.0000, 0.0000



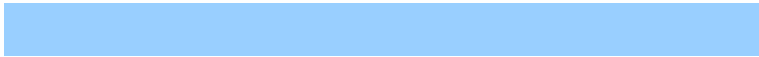
20.3446, 21.4041, 23.3091

Same Dimension

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



58.9298, 64.3693, 103.9263



53.5003, 58.6192, 103.1026



49.5407, 45.5911, 100.7966



17.7992, 18.9700, 22.9734



14.1100, 13.1295, 51.2252



1.4833, 1.4972, 5.0241

Inverse Universe

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



67.8817, 54.9174, 71.3150



63.8940, 48.5476, 65.0361



83.3589, 93.8880, 51.7608



18.4113, 18.1478, 20.7829



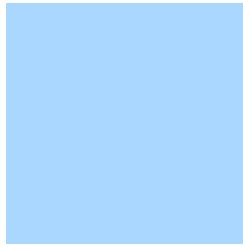
23.9103, 12.0534, 13.4438



2.3833, 1.1957, 1.5998

Previews

White Background



This preview shows how the XYZ color 58.9280, 64.3669, 103.9260 looks on a white background.

Color Contrast Check

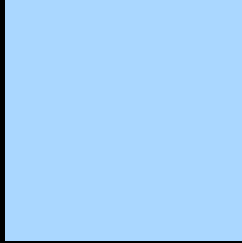
Large Text (above 18pt) WCAG AA × Fail

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 58.9280, 64.3669, 103.9260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

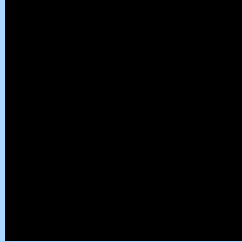
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

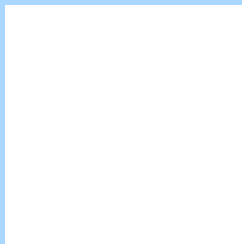
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9280, 64.3669, 103.9260

Background



This preview shows how black text looks on a background with the XYZ color 58.9280, 64.3669, 103.9260.



This preview shows how white text looks on a background with the XYZ color 58.9280, 64.3669,

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

58.9280, 64.3669, 103.9260

Protanopia

63.3876, 63.8071, 99.4176

Deuteranopia

65.3349, 64.0045, 103.5183



Tritanopia

55.9376, 64.3059, 88.8209

Trichromacy



Original Color

58.9280, 64.3669, 103.9260

Protanomaly

61.6035, 63.9403, 101.1903

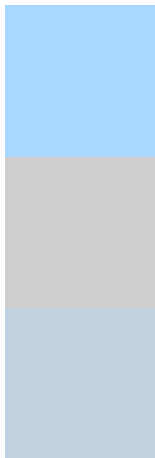
Deuteranomaly

62.8428, 64.1584, 103.6794

Tritanomaly

56.9269, 64.3123, 94.2072

Monochromacy



Original Color

58.9280, 64.3669, 103.9260

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.2473, 62.3202, 79.4800

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9280, 64.3669, 103.9260 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, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(170, 215, 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, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 215, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.9280, 64.3669, 103.9260 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, 215, 255) }
```


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

```
.border{ border-color:rgb(170, 215, 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, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(170, 215,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9280, 64.3669, 103.9260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 215, 255) }
```

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

```
.background{ background-color: rgb(170,  
215, 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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