

Converting Colors

XYZ(59.5221, 64.7639, 95.9438)

Have a look what the booklet for
XYZ(59.5221, 64.7639, 95.9438)
contains.

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Color

**XYZ(59.6043, 64.8967,
95.7710)**

Conversions

Conversions Part 1

Format	Color
Hex	B4D7F5
RGB	180, 215, 245
RGB Percent	71%, 84%, 96%
CMY	0.2941, 0.1568, 0.0392
CMYK	0.27, 0.12, 0.00, 0.04
HSL	208°, 76%, 83%
HSV	208°, 27%, 96%
XYZ	59.6043, 64.8967, 95.7710
YIQ	207.9550, -30.4900, 1.9100

Conversions

Conversions Part 2

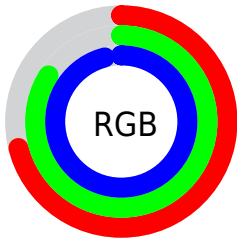
Format	Color
R _Y B	180, 203, 245
Decimal	11851765
CIE Lab	84.43, -4.92, -18.47
CIE LCh	84, 19.113, 255.093
Yxy	64.8967, 0.2706, 0.2946
Android (android.graphics.Color)	4290041845 (0xFFB4D7F5)
YUV	207.9550, 18.2632, -24.5165
Hunter-Lab	80.5585, -8.9073, -14.0953

Details

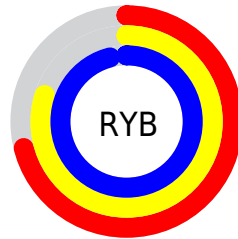
The XYZ color **59.6043, 64.8967, 95.7710** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **68.9420, 68.8017, 52.8283**, and the grayscale version is **59.8262, 62.9419, 68.5437**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **30.3603, 33.2514, 52.9621** is the 20% darker color. If you saturate the color by 10%, you get **51.6169, 56.6529, 94.6019**, and if you desaturate by 10%, it is **68.8028, 74.0634, 97.0566**.

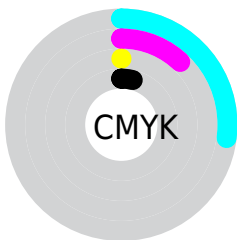
Distribution



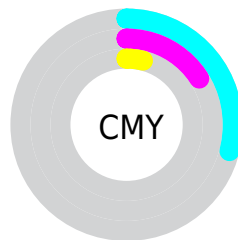
- Red (71%)
- Green (84%)
- Blue (96%)



- Red (71%)
- Yellow (80%)
- Blue (96%)



- Cyan (27%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)



- Cyan (29%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6043, 64.8967, 95.7710 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 59.6043, 64.8967, 95.7710 by changing the saturation by 10% instead.

■ 59.6043, 64.8967,
95.7710

■ 59.6043, 64.8967,
95.7710

412.9958,
442.4207, 567.6776

■ 43.3480, 47.3773,
72.1764

■ 103.3651,
111.9013, 157.3341

■ 30.3540, 33.3340,
52.8151

131.6002,
142.1554, 196.1396

■ 20.2568, 22.3825,
37.2685

164.5591,
177.4231, 240.8526

■ 12.6912, 14.1382,
25.1180

202.6070,
218.0889, 291.8916

■ 7.2918, 8.2168,
15.9452

246.1092,
264.5371, 349.6750

■ 3.6932, 4.2340,
9.3314

295.4312,

■ 1.5301, 1.8053,

317.1523, 414.6214

4.8582

350.9383,
376.3186, 487.1494

■ 0.3462, 0.4905,
2.1070

■ 0.0000, 0.0000,
0.6200

■ 59.6043, 64.8967,
95.7710

■ 59.6043, 64.8967,
95.7710

■ 51.6169, 56.6529,
94.6019

■ 68.8028, 74.0634,
97.0566

■ 44.7776, 49.2889,
93.5409

■ 79.2594, 84.1783,
98.4579

■ 39.0262, 42.7691,
92.5856

■ 91.0260, 95.2752,
99.9796

■ 34.2943, 37.0520,
91.7315

■ 93.4816, 99.3727,
100.6411

■ 30.5047, 32.0912,
90.9737

■ 27.5678, 27.8337,
90.3067

■ 25.3717, 24.2148,
89.7240

■ 24.7234, 23.0763,
89.5384

Harmonies

Analogous

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



56.0923, 64.8967, 88.5635



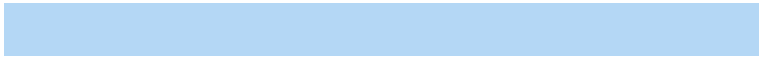
59.6043, 64.8967, 95.7710



63.8344, 64.8967, 95.7469

Triad

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



59.6043, 64.8967, 95.7710



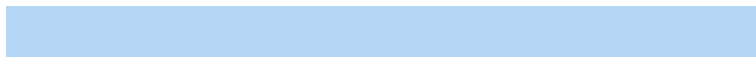
69.9120, 64.8967, 64.7421



56.0747, 64.8967, 55.3963

Complementary

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



59.6043, 64.8967, 95.7710



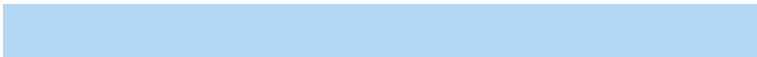
68.9420, 68.8017, 52.8283

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.



59.5793, 64.8967, 50.3915



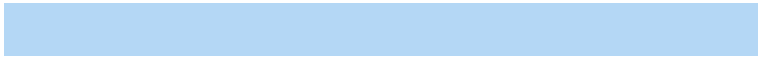
59.6043, 64.8967, 95.7710



67.6320, 64.8967, 55.3507

Square

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



59.6043, 64.8967, 95.7710



69.9194, 64.8967, 76.8536



63.8082, 64.8967, 50.3758



54.1191, 64.8967, 64.8112

Rectangle

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



59.6043, 64.8967, 95.7710



66.4998, 64.8967, 91.5886



63.8082, 64.8967, 50.3758



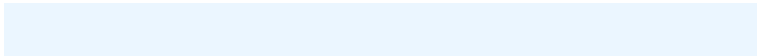
57.1034, 64.8967, 53.1928

Sweetspot

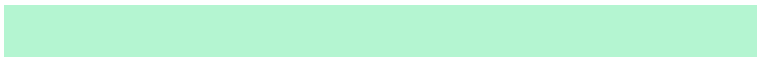
The Sweet Spot groups the original color and five complimentary colors.



59.6063, 64.8993, 95.7725



85.0087, 90.4736, 107.5905



63.0159, 79.6253, 72.5336



17.8133, 18.9982, 22.9781



0.0000, 0.0000, 0.0000



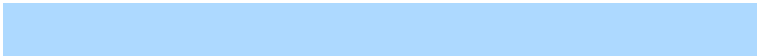
20.3446, 21.4041, 23.3091

Same Dimension

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



59.6063, 64.8993, 95.7725



60.2729, 65.9514, 104.1609



52.2906, 50.2680, 93.3339



16.3204, 17.4050, 21.0419



13.4591, 12.7119, 48.2823



1.2857, 1.3228, 4.2778

Inverse Universe

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



66.2449, 56.9631, 71.7962



68.8291, 56.3283, 73.1229



77.5734, 86.0645, 55.7054



16.8723, 16.6318, 19.0740



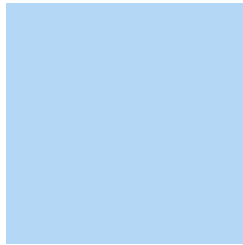
22.5980, 11.3826, 13.1235



2.0380, 1.0212, 1.4266

Previews

White Background



This preview shows how the XYZ color 59.6043, 64.8967, 95.7710 looks on a white background.

Color Contrast Check

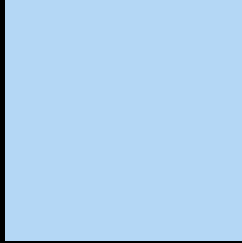
Large Text (above 18pt) WCAG AA × Fail

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 59.6043, 64.8967, 95.7710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

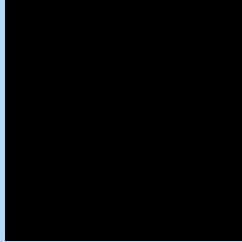
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

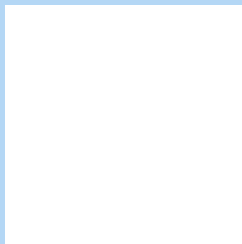
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6043, 64.8967, 95.7710

Background



This preview shows how black text looks on a background with the XYZ color 59.6043, 64.8967, 95.7710.



This preview shows how white text looks on a background with the XYZ color 59.6043, 64.8967,

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

59.6043, 64.8967, 95.7710

Protanopia

63.8545, 64.9309, 92.3865

Deuteranopia

66.0604, 64.5242, 96.9683



Tritanopia

58.0242, 65.0312, 87.3360

Trichromacy



Original Color

59.6043, 64.8967, 95.7710

Protanomaly

62.0862, 64.7351, 93.2272

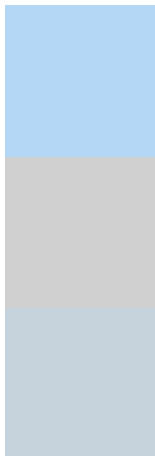
Deuteranomaly

63.5224, 64.6723, 96.3238

Tritanomaly

58.5789, 64.8685, 90.3224

Monochromacy



Original Color

59.6043, 64.8967, 95.7710

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.6341, 63.8148, 77.5810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6043, 64.8967, 95.7710 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(180, 215, 245)` looks like.

```
.text, #text, p{  
    color:rgb(180, 215, 245)  
}
```

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(180, 215, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 215, 245) }
```

Border

The CSS property to change the border of an element to XYZ 59.6043, 64.8967, 95.7710 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(180, 215, 245) }
```


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

```
.border{ border-color:rgb(180, 215, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 215, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 215, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 215, 245);  
box-shadow:4px 4px 4px 4px rgb(180, 215,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6043, 64.8967, 95.7710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 215, 245) }
```

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

```
.background{ background-color: rgb(180,  
215, 245) }
```

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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