

Converting Colors

XYZ(57.3738, 63.7454, 93.9439)

Have a look what the booklet for
XYZ(57.3738, 63.7454, 93.9439)
contains.

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Color

**XYZ(57.4914, 63.8426,
94.0868)**

Conversions

Conversions Part 1

Format	Color
Hex	ACD7F3
RGB	172, 215, 243
RGB Percent	67%, 84%, 95%
CMY	0.3255, 0.1568, 0.0471
CMYK	0.29, 0.12, 0.00, 0.05
HSL	204°, 75%, 81%
HSV	204°, 29%, 95%
XYZ	57.4914, 63.8426, 94.0868
YIQ	205.3350, -34.6160, -0.4080

Conversions

Conversions Part 2

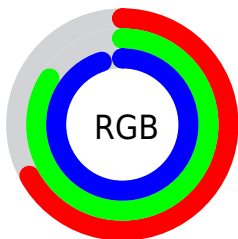
Format	Color
R _Y B	172, 199, 243
Decimal	11327475
CIE Lab	83.88, -7.68, -18.28
CIE LCh	84, 19.830, 247.219
Yxy	63.8426, 0.2669, 0.2964
Android (android.graphics.Color)	4289517555 (0xFFACD7F3)
YUV	205.3350, 18.5688, -29.2348
Hunter-Lab	79.9016, -11.3920, -13.8849

Details

The XYZ color **57.4914, 63.8426, 94.0868** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **65.0638, 63.3426, 47.8286**, and the grayscale version is **58.1444, 61.1724, 66.6168**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **29.0117, 32.5810, 51.7734** is the 20% darker color. If you saturate the color by 10%, you get **50.2693, 56.6040, 93.0713**, and if you desaturate by 10%, it is **65.8355, 71.8748, 95.1985**.

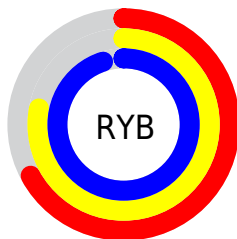
Distribution



Red (67%)

Green (84%)

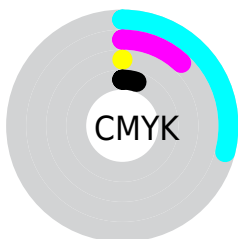
Blue (95%)



Red (67%)

Yellow (78%)

Blue (95%)

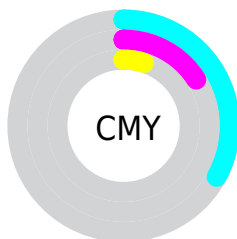


Cyan (29%)

Magenta (12%)

Yellow (0%)

Black (5%)



Cyan (33%)

Magenta (16%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4914, 63.8426, 94.0868 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 57.4914, 63.8426, 94.0868 by changing the saturation by 10% instead.

■ 57.4914, 63.8426,
94.0868

■ 57.4914, 63.8426,
94.0868

405.2726,
438.6210, 562.1468

■ 41.6416, 46.5232,
70.7825

■ 100.3091,
110.3842, 154.9871

■ 29.0106, 32.6589,
51.6840

128.0076,
140.3752, 193.4201

■ 19.2332, 21.8653,
36.3727

160.3865,
175.3589, 237.7331

■ 11.9439, 13.7579,
24.4302

197.8110,
215.7196, 288.3447

■ 6.7774, 7.9525,
15.4379

240.6465,
261.8418, 345.6733

■ 3.3684, 4.0646,
8.9773

289.2584,

■ 1.3514, 1.7097,

314.1099, 410.1374

4.6298

344.0119,
372.9081, 482.1558

■ 0.2212, 0.4300,
1.9768

■ 0.0000, 0.0000,
0.5410

■ 57.4914, 63.8426,
94.0868

■ 57.4914, 63.8426,
94.0868

■ 50.2693, 56.6040,
93.0713

■ 65.8355, 71.8748,
95.1985

■ 44.1077, 50.1192,
92.1444

■ 75.3471, 80.7232,
96.4051

■ 38.9477, 44.3556,
91.3039

■ 86.0765, 90.4184,
97.7109

■ 34.7219, 39.2747,
90.5459

■ 92.6488, 98.1929,
98.8652

■ 31.3537, 34.8330,
89.8661

■ 93.1779, 99.2512,
99.0415

■ 28.7523, 30.9799,
89.2595

■ 26.7800, 27.6401,
88.7188

■ 26.6390, 27.3934,
88.6786

Harmonies

Analogous

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



54.2455, 63.8426, 85.0731



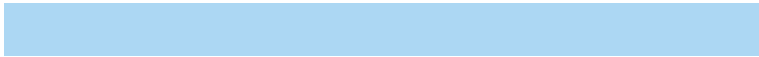
57.4914, 63.8426, 94.0868



61.7402, 63.8426, 96.1611

Triad

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



57.4914, 63.8426, 94.0868



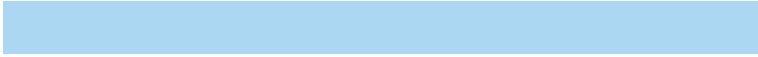
69.3844, 63.8426, 66.5399



55.7490, 63.8426, 52.0914

Complementary

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



57.4914, 63.8426, 94.0868



65.0638, 63.3426, 47.8286

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.



59.6330, 63.8426, 48.3090



57.4914, 63.8426, 94.0868



67.6053, 63.8426, 55.9775

Square

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



57.4914, 63.8426, 94.0868



68.7439, 63.8426, 79.2326



63.9854, 63.8426, 49.6415



53.2736, 63.8426, 60.6240

Rectangle

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



57.4914, 63.8426, 94.0868



64.5968, 63.8426, 93.1287



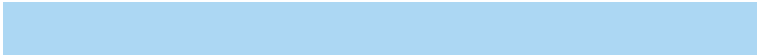
63.9854, 63.8426, 49.6415



56.9257, 63.8426, 50.2719

Sweetspot

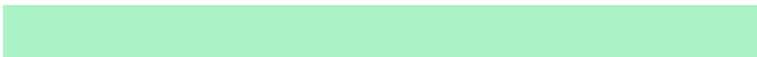
The Sweet Spot groups the original color and five complimentary colors.



57.4934, 63.8451, 94.0883



84.2855, 90.2652, 107.5884



59.3993, 77.0068, 65.8996



17.6905, 18.9992, 22.9848



0.0000, 0.0000, 0.0000



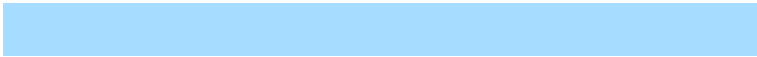
20.3446, 21.4041, 23.3091

Same Dimension

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



57.4934, 63.8451, 94.0883



59.2656, 66.3842, 104.2975



49.5711, 48.0005, 91.4475



16.4163, 17.5969, 21.0739



14.7554, 15.3047, 48.7144



1.3969, 1.5452, 4.3149

Inverse Universe

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



63.9821, 53.4678, 71.2408



67.7233, 53.5986, 74.3511



74.0371, 81.2891, 50.8197



16.9207, 16.6511, 19.3291



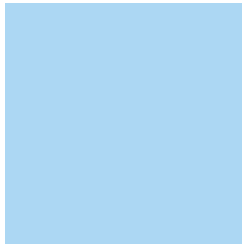
23.2524, 11.6444, 16.5692



2.0941, 1.0436, 1.7221

Previews

White Background



This preview shows how the XYZ color 57.4914, 63.8426, 94.0868 looks on a white background.

Color Contrast Check

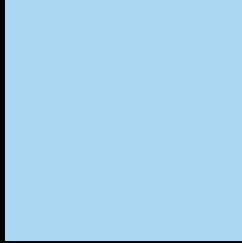
Large Text (above 18pt) WCAG AA × Fail

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 57.4914, 63.8426, 94.0868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

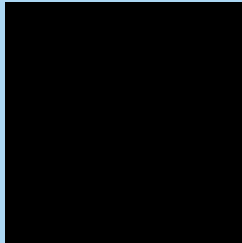
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4914, 63.8426, 94.0868

Background



This preview shows how black text looks on a background with the XYZ color 57.4914, 63.8426, 94.0868.



This preview shows how white text looks on a background with the XYZ color 57.4914, 63.8426,

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

57.4914, 63.8426, 94.0868

Protanopia

62.6473, 63.6361, 89.8700

Deuteranopia

64.9383, 63.6272, 95.2449



Tritanopia

56.2417, 64.1123, 87.2526

Trichromacy



Original Color

57.4914, 63.8426, 94.0868

Protanomaly

60.5130, 63.5909, 91.5230

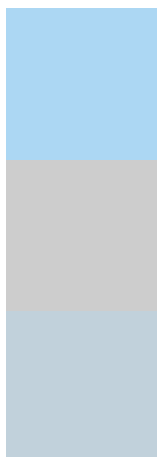
Deuteranomaly

61.9110, 63.5137, 94.5843

Tritanomaly

56.6365, 63.8841, 89.4666

Monochromacy



Original Color

57.4914, 63.8426, 94.0868

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

57.5790, 62.0529, 75.9605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4914, 63.8426, 94.0868 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, 215, 243)` looks like.

```
.text, #text, p{  
    color:rgb(172, 215, 243)  
}
```

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, 215, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 215, 243) }
```

Border

The CSS property to change the border of an element to XYZ 57.4914, 63.8426, 94.0868 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, 215, 243) }
```


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

```
.border{ border-color:rgb(172, 215, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 215, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 215, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 215, 243); box-shadow:4px 4px 4px 4px rgb(172, 215, 243) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4914, 63.8426, 94.0868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 215, 243) }
```

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

```
.background{ background-color: rgb(172,  
215, 243) }
```

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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