

Converting Colors

XYZ(57.3368, 64.2251, 93.0580)

Have a look what the booklet for
XYZ(57.3368, 64.2251, 93.0580)
contains.

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Color

**XYZ(57.3775, 64.1805,
93.3684)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | ABD8F2 |
| RGB | 171, 216, 242 |
| RGB Percent | 67%, 85%, 95% |
| CMY | 0.3294, 0.1529, 0.0510 |
| CMYK | 0.29, 0.11, 0.00, 0.05 |
| HSL | 202°, 73%, 81% |
| HSV | 202°, 29%, 95% |
| XYZ | 57.3775, 64.1805, 93.3684 |
| YIQ | 205.5090, -35.1660, -1.4540 |

Conversions

Conversions Part 2

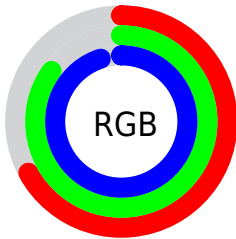
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 171, 199, 242 |
| Decimal | 11262194 |
| CIE Lab | 84.06, -8.72, -17.49 |
| CIE LCh | 84, 19.545, 243.515 |
| Yxy | 64.1805, 0.2670, 0.2986 |
| Android (android.graphics.Color) | 4289452274 (0xFFABD8F2) |
| YUV | 205.5090, 17.9901, -30.2644 |
| Hunter-Lab | 80.1127, -12.3539, -13.0214 |

Details

The XYZ color **57.3775, 64.1805, 93.3684** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **63.9358, 61.7507, 47.0790**, and the grayscale version is **58.2591, 61.2931, 66.7482**.

A 20% lighter version of the original color is **85.8049, 95.2340, 108.4673**, and **28.9439, 32.8168, 51.2631** is the 20% darker color. If you saturate the color by 10%, you get **50.3720, 57.2906, 92.4088**, and if you desaturate by 10%, it is **65.4744, 71.8178, 94.4169**.

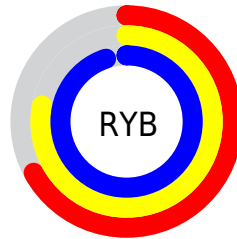
Distribution



Red (67%)

Green (85%)

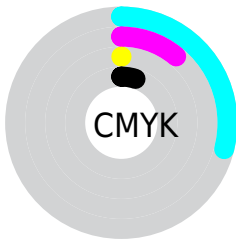
Blue (95%)



Red (67%)

Yellow (78%)

Blue (95%)

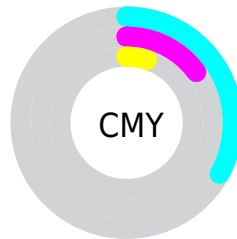


Cyan (29%)

Magenta (11%)

Yellow (0%)

Black (5%)



Cyan (33%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3775, 64.1805, 93.3684 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 57.3775, 64.1805, 93.3684 by changing the saturation by 10% instead.

■ 57.3775, 64.1805,
93.3684

■ 57.3775, 64.1805,
93.3684

404.8537,
439.8412, 559.7786

■ 41.5497, 46.7969,
70.1884

■ 100.1440,
110.8708, 153.9847

■ 28.9384, 32.8751,
51.2024

127.8134,
140.9464, 192.2580

■ 19.1783, 22.0308,
35.9918

160.1607,
176.0213, 236.3995

■ 11.9040, 13.8795,
24.1383

197.5513,
216.4801, 286.8277

■ 6.7500, 8.0369,
15.2231

240.3506,
262.7070, 343.9612

■ 3.3512, 4.1186,
8.8277

288.9238,

■ 1.3421, 1.7401,

315.0866, 408.2185

4.5337

343.6364,
374.0032, 480.0181

■ 0.2144, 0.4494,
1.9225

■ 0.0000, 0.0000,
0.5070

■ 57.3775, 64.1805,
93.3684

■ 57.3775, 64.1805,
93.3684

■ 50.3720, 57.2906,
92.4088

■ 65.4744, 71.8178,
94.4169

■ 44.3974, 51.1096,
91.5307

■ 74.7073, 80.2238,
95.5528

■ 39.3959, 45.6063,
90.7320

■ 85.1256, 89.4281,
96.7803

■ 35.3012, 40.7434,
90.0092

■ 91.9050, 96.9464,
97.8741

■ 32.0378, 36.4791,
89.3581

■ 93.0272, 99.1909,
98.2482

■ 29.5163, 32.7642,
88.7740

■ 27.5987, 29.5241,
88.2496

■ 27.4821, 29.3206,
88.2165

Harmonies

Analogous

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



54.3453, 64.1805, 83.8334



57.3775, 64.1805, 93.3684



61.5116, 64.1805, 96.3695

Triad

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



57.3775, 64.1805, 93.3684



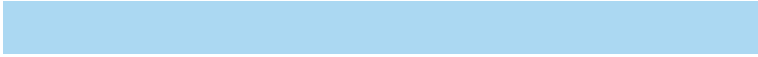
69.6592, 64.1805, 68.4354



56.5361, 64.1805, 51.8912

Complementary

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



57.3775, 64.1805, 93.3684



63.9358, 61.7507, 47.0790

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.



60.4946, 64.1805, 48.7551



57.3775, 64.1805, 93.3684



68.1804, 64.1805, 57.5706

Square

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



57.3775, 64.1805, 93.3684



68.7296, 64.1805, 81.0177



64.7753, 64.1805, 50.7061



53.8759, 64.1805, 59.8159

Rectangle

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



57.3775, 64.1805, 93.3684



64.3707, 64.1805, 94.0008



64.7753, 64.1805, 50.7061



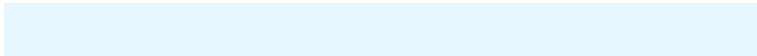
57.7522, 64.1805, 50.2873

Sweetspot

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



57.3795, 64.1831, 93.3699



84.4824, 90.6591, 107.6540



58.4949, 76.1422, 63.7506



17.7391, 19.0964, 23.0010



0.0000, 0.0000, 0.0000



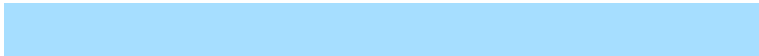
20.3446, 21.4041, 23.3091

Same Dimension

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



57.3795, 64.1831, 93.3699



59.9297, 67.7124, 104.5189



49.4795, 48.3831, 90.7366



15.7325, 16.8991, 20.1543



14.8981, 16.0205, 47.4349



1.3338, 1.5217, 3.9776

Inverse Universe

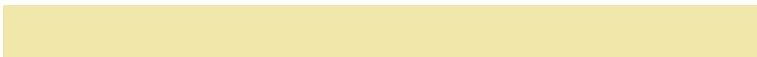
The Inverse Universe completely reimagines the original color for something new.



63.5772, 52.9627, 71.8405



68.0585, 53.7327, 76.1163



72.6439, 79.1668, 49.9817



16.1944, 15.9275, 18.5800



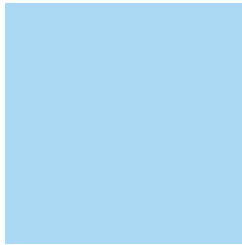
22.8455, 11.4106, 17.6349



1.9482, 0.9683, 1.7181

Previews

White Background



This preview shows how the XYZ color 57.3775, 64.1805, 93.3684 looks on a white background.

Color Contrast Check

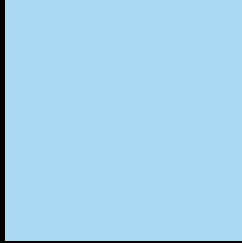
Large Text (above 18pt) WCAG AA × Fail

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 57.3775, 64.1805, 93.3684 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

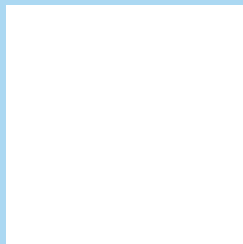
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3775, 64.1805, 93.3684

Background



This preview shows how black text looks on a background with the XYZ color 57.3775, 64.1805, 93.3684.



This preview shows how white text looks on a background with the XYZ color 57.3775, 64.1805,

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

57.3775, 64.1805, 93.3684

Protanopia

62.8730, 64.1470, 88.4247

Deuteranopia

65.0734, 63.7144, 94.4563



Tritanopia

56.1704, 64.0589, 88.0014

Trichromacy



Original Color

57.3775, 64.1805, 93.3684

Protanomaly

60.7192, 64.0990, 90.0610

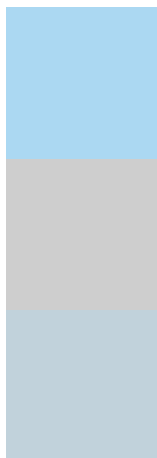
Deuteranomaly

61.7595, 63.4531, 93.7866

Tritanomaly

56.8230, 64.3448, 90.3138

Monochromacy



Original Color

57.3775, 64.1805, 93.3684

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.8251, 62.5451, 76.0425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3775, 64.1805, 93.3684 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(171, 216, 242)` looks like.

```
.text, #text, p{  
    color:rgb(171, 216, 242)  
}
```

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(171, 216, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 216, 242) }
```

Border

The CSS property to change the border of an element to XYZ 57.3775, 64.1805, 93.3684 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(171, 216, 242) }
```


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

```
.border{ border-color:rgb(171, 216, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 216, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 216, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 216, 242);  
box-shadow:4px 4px 4px 4px rgb(171, 216,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3775, 64.1805, 93.3684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 216, 242) }
```

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

```
.background{ background-color: rgb(171,  
216, 242) }
```

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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