

Converting Colors

XYZ(57.4120, 64.4373, 95.6583)

Have a look what the booklet for
XYZ(57.4120, 64.4373, 95.6583)
contains.

XYZ(57.4427, 64.5431, 95.8167)	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(57.4427, 64.5431,
95.8167)**

Conversions

Conversions Part 1

Format	Color
Hex	A8D9F5
RGB	168, 217, 245
RGB Percent	66%, 85%, 96%
CMY	0.3412, 0.1490, 0.0392
CMYK	0.31, 0.11, 0.00, 0.04
HSL	202°, 79%, 81%
HSV	202°, 31%, 96%
XYZ	57.4427, 64.5431, 95.8167
YIQ	205.5410, -38.1920, -1.6800

Conversions

Conversions Part 2

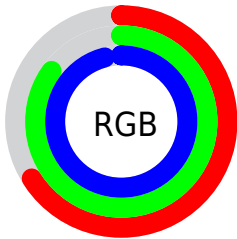
Format	Color
R _Y B	168, 198, 245
Decimal	11065845
CIE Lab	84.25, -9.37, -18.82
CIE LCh	84, 21.018, 243.535
Yxy	64.5431, 0.2637, 0.2963
Android (android.graphics.Color)	4289255925 (0xFFA8D9F5)
YUV	205.5410, 19.4533, -32.9235
Hunter-Lab	80.3387, -12.9641, -14.4756

Details

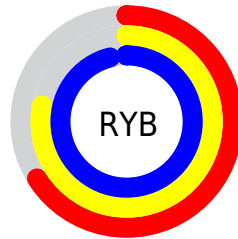
The XYZ color **57.4427, 64.5431, 95.8167** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.4649, 61.7201, 45.5629**, and the grayscale version is **58.2718, 61.3064, 66.7627**.

A 20% lighter version of the original color is **84.8613, 94.7476, 108.4232**, and **29.0451, 33.0922, 53.0007** is the 20% darker color. If you saturate the color by 10%, you get **50.4758, 57.6357, 94.8517**, and if you desaturate by 10%, it is **65.5202, 72.2101, 96.8720**.

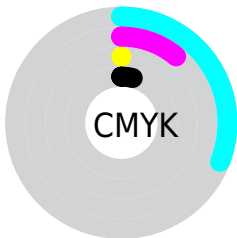
Distribution



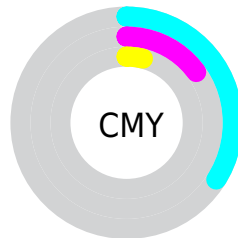
- Red (66%)
- Green (85%)
- Blue (96%)



- Red (66%)
- Yellow (78%)
- Blue (96%)



- Cyan (31%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (34%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4427, 64.5431, 95.8167 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 57.4427, 64.5431, 95.8167 by changing the saturation by 10% instead.

■ 57.4427, 64.5431,
95.8167

■ 57.4427, 64.5431,
95.8167

405.0935,
441.1482, 567.8273

■ 41.6023, 47.0907,
72.2143

■ 100.2385,
111.3927, 157.3977

■ 28.9798, 33.1074,
52.8458

127.9246,
141.5587, 196.2133

■ 19.2097, 22.2087,
37.2928

160.2900,
176.7314, 240.9371

■ 11.9268, 14.0103,
25.1367

197.7000,
217.2951, 291.9876

■ 6.7657, 8.1278,
15.9590

240.5200,
263.6342, 349.7833

■ 3.3610, 4.1769,
9.3411

289.1153,

■ 1.3474, 1.7730,

316.1332, 414.7428

4.8645

343.8514,
375.1764, 487.2846

■ 0.2183, 0.4703,
2.1106

■ 0.0000, 0.0000,
0.6221

■ 57.4427, 64.5431,
95.8167

■ 57.4427, 64.5431,
95.8167

■ 50.4758, 57.6357,
94.8517

■ 65.5202, 72.2101,
96.8720

■ 44.5563, 51.4478,
93.9693

■ 74.7551, 80.6592,
98.0161

■ 39.6233, 45.9467,
93.1675

■ 85.1988, 89.9209,
99.2533

■ 35.6068, 41.0933,
92.4424

■ 92.7328, 97.8749,
100.3915

■ 32.4266, 36.8431,
91.7896

■ 93.4816, 99.3727,
100.6411

■ 29.9866, 33.1433,
91.2041

■ 28.3561, 30.3415,
90.7493

Harmonies

Analogous

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



54.1829, 64.5431, 85.4128



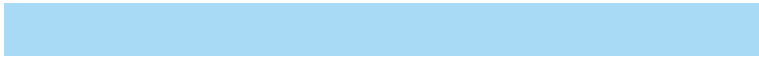
57.4427, 64.5431, 95.8167



61.8999, 64.5431, 99.0969

Triad

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



57.4427, 64.5431, 95.8167



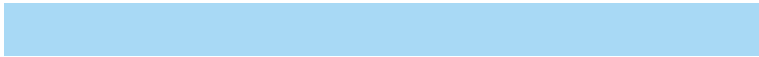
70.7220, 64.5431, 68.7075



56.5325, 64.5431, 50.9992

Complementary

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



57.4427, 64.5431, 95.8167



64.4649, 61.7201, 45.5629

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.



60.7960, 64.5431, 47.6677



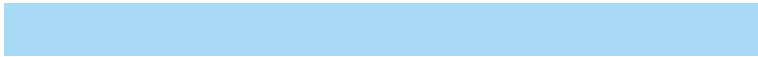
57.4427, 64.5431, 95.8167



69.1148, 64.5431, 57.0432

Square

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



57.4427, 64.5431, 95.8167



69.7142, 64.5431, 82.3323



65.4228, 64.5431, 49.7332



53.6763, 64.5431, 59.4590

Rectangle

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



57.4427, 64.5431, 95.8167



64.9908, 64.5431, 96.4995



65.4228, 64.5431, 49.7332



57.8406, 64.5431, 49.2945

Sweetspot

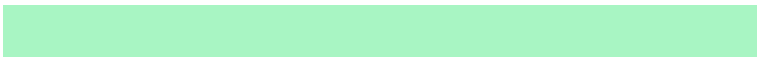
The Sweet Spot groups the original color and five complimentary colors.



57.4447, 64.5457, 95.8182



84.5003, 90.6950, 107.6600



58.6469, 77.5688, 63.4829



17.7436, 19.1053, 23.0024



0.0000, 0.0000, 0.0000



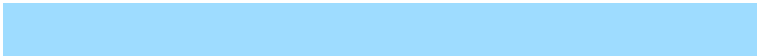
20.3446, 21.4041, 23.3091

Same Dimension

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



57.4447, 64.5457, 95.8182



57.7021, 65.5630, 104.2214



48.8620, 47.3802, 92.9573



16.4605, 17.6853, 21.0886



15.4121, 16.6180, 48.9333



1.4521, 1.6556, 4.3333

Inverse Universe

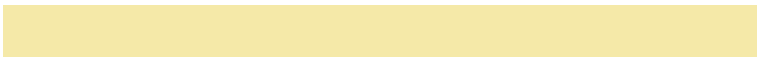
The Inverse Universe completely reimagines the original color for something new.



64.1848, 52.4292, 72.3853



66.3712, 50.9028, 73.8749



73.9918, 80.7739, 48.7385



16.9430, 16.6601, 19.4465



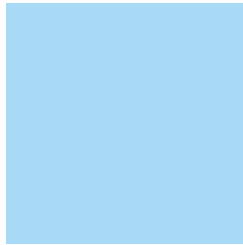
23.5838, 11.7770, 18.3146



2.1220, 1.0548, 1.8688

Previews

White Background



This preview shows how the XYZ color 57.4427, 64.5431, 95.8167 looks on a white background.

Color Contrast Check

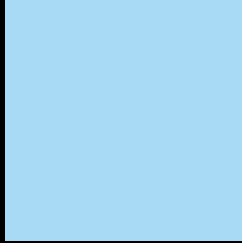
Large Text (above 18pt) WCAG AA × Fail

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 57.4427, 64.5431, 95.8167 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 57.4427, 64.5431, 95.8167

Background



This preview shows how black text looks on a background with the XYZ color 57.4427, 64.5431, 95.8167.



This preview shows how white text looks on a background with the XYZ color 57.4427, 64.5431,

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

57.4427, 64.5431, 95.8167

Protanopia

63.0377, 64.1811, 90.7271

Deuteranopia

65.6386, 64.2888, 97.7564



Tritanopia

55.9376, 64.3059, 88.8209

Trichromacy



Original Color

57.4427, 64.5431, 95.8167

Protanomaly

60.6573, 64.0158, 92.3784

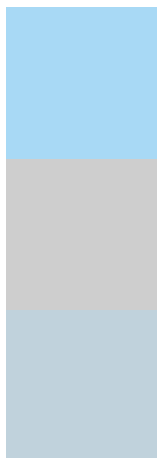
Deuteranomaly

62.0946, 63.9184, 97.0604

Tritanomaly

56.5877, 64.5903, 91.1460

Monochromacy



Original Color

57.4427, 64.5431, 95.8167

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.7031, 62.4670, 76.7262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4427, 64.5431, 95.8167 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(168, 217, 245)` looks like.

```
.text, #text, p{  
    color:rgb(168, 217, 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(168, 217, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 217, 245) }
```

Border

The CSS property to change the border of an element to XYZ 57.4427, 64.5431, 95.8167 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(168, 217, 245) }
```


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

```
.border{ border-color:rgb(168, 217, 245) }
```

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

Here you see how a box with a 4 pixel rgb(168, 217, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 217, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 217, 245);  
box-shadow:4px 4px 4px 4px rgb(168, 217,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4427, 64.5431, 95.8167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 217, 245) }
```

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

```
.background{ background-color: rgb(168,  
217, 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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