

Converting Colors

XYZ(55.5822, 64.1795,
104.0661)

Have a look what the booklet for
XYZ(55.5822, 64.1795, 104.0661)
contains.

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Color

**XYZ(55.5943, 64.1789,
104.0654)**

Conversions

Conversions Part 1

Format	Color
Hex	94DBFF
RGB	148, 219, 255
RGB Percent	58%, 86%, 100%
CMY	0.4196, 0.1412, 0.0000
CMYK	0.42, 0.14, 0.00, 0.00
HSL	200°, 100%, 79%
HSV	200°, 42%, 100%
XYZ	55.5943, 64.1789, 104.0654
YIQ	201.8750, -53.8720, -3.8560

Conversions

Conversions Part 2

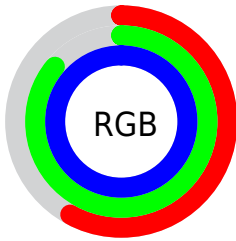
Format	Color
R _Y B	148, 191, 255
Decimal	9755647
CIE _{Lab}	84.06, -13.14, -24.49
CIE _{LCh}	84, 27.791, 241.792
Y _{xy}	64.1789, 0.2484, 0.2867
Android (android.graphics.Color)	4287945727 (0xFF94DBFF)
YUV	201.8750, 26.1906, -47.2484
Hunter-Lab	80.1117, -16.3238, -20.9397

Details

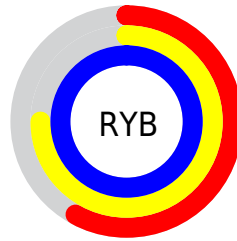
The XYZ color **55.5943, 64.1789, 104.0654** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **63.7265, 57.6799, 35.7937**, and the grayscale version is **55.9288, 58.8414, 64.0783**.

A 20% lighter version of the original color is **79.2636, 91.8618, 108.1612**, and **27.7829, 32.8523, 58.3029** is the 20% darker color. If you saturate the color by 10%, you get **49.2993, 57.6977, 103.1462**, and if you desaturate by 10%, it is **63.0242, 71.4193, 105.0713**.

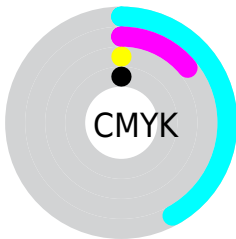
Distribution



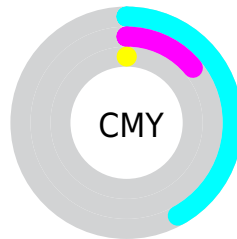
- Red (58%)
- Green (86%)
- Blue (100%)



- Red (58%)
- Yellow (75%)
- Blue (100%)



- Cyan (42%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (42%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5943, 64.1789, 104.0654 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 55.5943, 64.1789, 104.0654 by changing the saturation by 10% instead.

■ 55.5943, 64.1789,
104.0654

■ 55.5943, 64.1789,
104.0654

398.2606,
439.8354, 594.5072

■ 40.1135, 46.7956,
79.0643

■ 97.5544, 110.8685,
168.8333

■ 27.8116, 32.8741,
58.4271

■ 124.7644,
140.9437, 209.4371

■ 18.3234, 22.0300,
41.7351

156.6148,
176.0182, 256.0790

■ 11.2835, 13.8789,
28.5699

193.4710,
216.4765, 309.1774

■ 6.3266, 8.0365,
18.5129

235.6983,
262.7029, 369.1509

■ 3.0872, 4.1183,
11.1456

283.6621,

■ 1.2000, 1.7400,

315.0820, 436.4180

6.0495

337.7278,
373.9980, 511.3972

■ 0.1064, 0.4493,
2.8059

■ 0.0000, 0.0000,
0.9964

■ 55.5943, 64.1789,
104.0654

■ 55.5943, 64.1789,
104.0654

■ 49.2993, 57.6977,
103.1462

■ 63.0242, 71.4193,
105.0713

■ 44.0646, 51.9303,
102.3088

■ 71.6465, 79.4468,
106.1663

■ 39.8147, 46.8367,
101.5497

■ 81.5212, 88.2961,
107.3540

■ 36.4606, 42.3683,
100.8640

■ 92.7024, 97.9974,
108.6372

■ 33.8955, 38.4673,
100.2462

95.0500, 100.0000,
108.9000

■ 32.2771, 35.6741,
99.7924

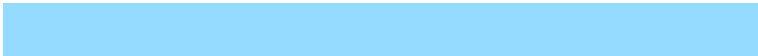
Harmonies

Analogous

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



51.5162, 64.1789, 89.2246



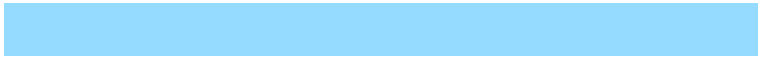
55.5943, 64.1789, 104.0654



61.3695, 64.1789, 109.3618

Triad

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



55.5943, 64.1789, 104.0654



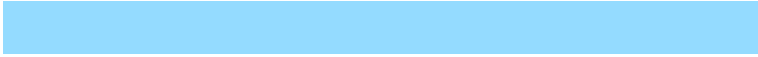
73.5618, 64.1789, 68.8293



54.9962, 64.1789, 44.9261

Complementary

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



55.5943, 64.1789, 104.0654



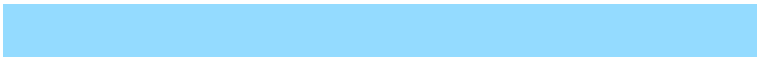
63.7265, 57.6799, 35.7937

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.



60.6322, 64.1789, 41.2682



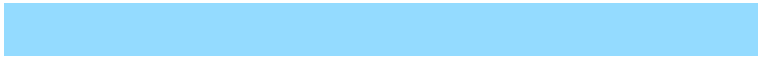
55.5943, 64.1789, 104.0654



71.5820, 64.1789, 53.5552

Square

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



55.5943, 64.1789, 104.0654



71.9929, 64.1789, 87.0894



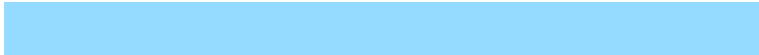
66.7455, 64.1789, 44.1442



51.1875, 64.1789, 55.1014

Rectangle

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



55.5943, 64.1789, 104.0654



65.4833, 64.1789, 106.1627



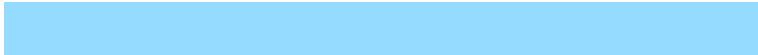
66.7455, 64.1789, 44.1442



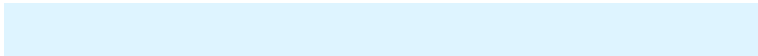
56.7264, 64.1789, 42.9784

Sweetspot

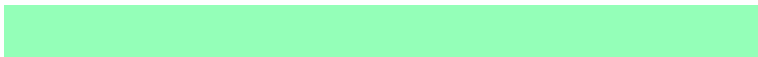
The Sweet Spot groups the original color and five complimentary colors.



55.5961, 64.1813, 104.0657



80.4330, 87.3354, 107.2259



56.5908, 81.2632, 57.8690



16.7322, 18.2640, 22.8934



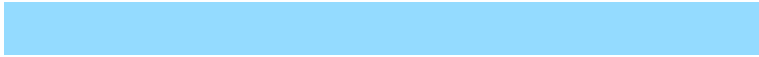
0.0000, 0.0000, 0.0000



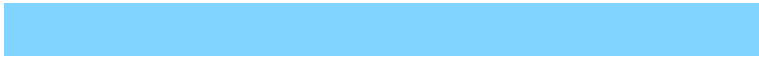
20.3446, 21.4041, 23.3091

Same Dimension

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



55.5961, 64.1813, 104.0657



50.4468, 58.9100, 103.3197



43.8704, 40.7298, 100.1572



18.0099, 19.3915, 23.0437



17.0089, 18.9275, 52.1915



1.7570, 2.0448, 5.1154

Inverse Universe

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



64.6174, 47.5561, 72.7938



60.7910, 41.3270, 67.1297



76.9184, 84.0637, 40.1910



18.5177, 18.1904, 21.3432



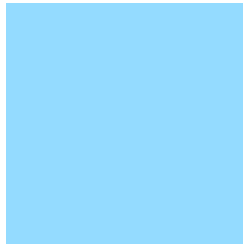
25.3735, 12.6387, 21.1493



2.5215, 1.2510, 2.3275

Previews

White Background



This preview shows how the XYZ color 55.5943, 64.1789, 104.0654 looks on a white background.

Color Contrast Check

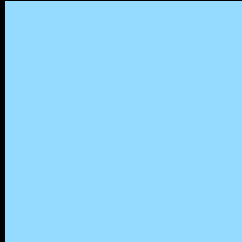
Large Text (above 18pt) WCAG AA × Fail

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 55.5943, 64.1789, 104.0654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

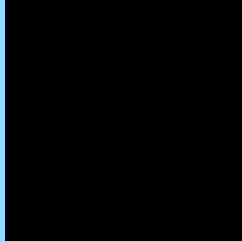
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5943, 64.1789, 104.0654

Background



This preview shows how black text looks on a background with the XYZ color 55.5943, 64.1789, 104.0654.

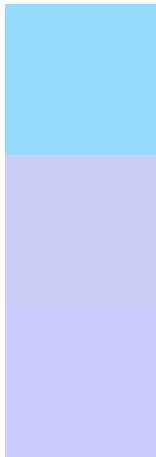


This preview shows how white text looks on a background with the XYZ color 55.5943, 64.1789,

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

55.5943, 64.1789, 104.0654

Protanopia

63.1887, 63.7586, 96.9719

Deuteranopia

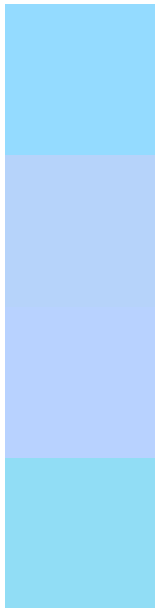
64.7832, 63.7200, 103.4925



Tritanopia

53.2029, 64.4038, 91.2885

Trichromacy



Original Color

55.5943, 64.1789, 104.0654

Protanomaly

59.8410, 63.4357, 99.5328

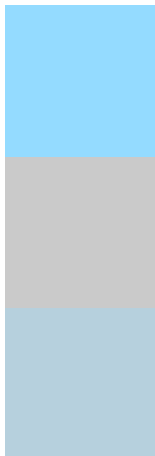
Deuteranomaly

60.8638, 63.5035, 103.6573

Tritanomaly

54.0149, 64.3252, 95.9553

Monochromacy



Original Color

55.5943, 64.1789, 104.0654

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

54.8984, 60.2773, 77.1478

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5943, 64.1789, 104.0654 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(148, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(148, 219, 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(148, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 219, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.5943, 64.1789, 104.0654 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(148, 219, 255) }
```


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

```
.border{ border-color:rgb(148, 219, 255) }
```

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

Here you see how a box with a 4 pixel rgb(148, 219, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(148, 219,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5943, 64.1789, 104.0654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 219, 255) }
```

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

```
.background{ background-color: rgb(148,  
219, 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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