

Converting Colors

XYZ(55.4071, 64.0658,
104.3626)

Have a look what the booklet for
XYZ(55.4071, 64.0658, 104.3626)
contains.

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Color

**XYZ(55.4141, 64.0861,
104.0570)**

Conversions

Conversions Part 1

Format	Color
Hex	93DBFF
RGB	147, 219, 255
RGB Percent	58%, 86%, 100%
CMY	0.4235, 0.1412, 0.0000
CMYK	0.42, 0.14, 0.00, 0.00
HSL	200°, 100%, 79%
HSV	200°, 42%, 100%
XYZ	55.4141, 64.0861, 104.0570
YIQ	201.5760, -54.4680, -4.0680

Conversions

Conversions Part 2

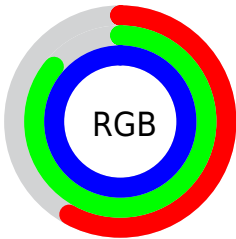
Format	Color
RYB	147, 190, 255
Decimal	9690111
CIELab	84.01, -13.38, -24.57
CIELCh	84, 27.976, 241.426
Yxy	64.0861, 0.2479, 0.2867
Android (android.graphics.Color)	4287880191 (0xFF93DBFF)
YUV	201.5760, 26.3380, -47.8632
Hunter-Lab	80.0538, -16.5345, -21.0298

Details

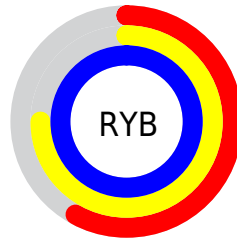
The XYZ color **55.4141, 64.0861, 104.0570** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **63.4404, 57.2339, 35.3091**, and the grayscale version is **55.7422, 58.6451, 63.8645**.

A 20% lighter version of the original color is **78.9868, 91.7191, 108.1483**, and **27.6850, 32.8018, 58.2983** is the 20% darker color. If you saturate the color by 10%, you get **49.1773, 57.6641, 103.1461**, and if you desaturate by 10%, it is **62.7811, 71.2617, 105.0537**.

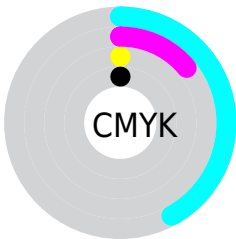
Distribution



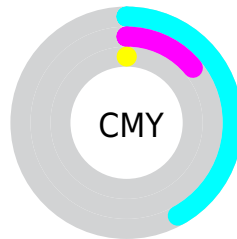
- Red (58%)
- Green (86%)
- Blue (100%)



- 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 55.4141, 64.0861, 104.0570 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 55.4141, 64.0861, 104.0570 by changing the saturation by 10% instead.

■ 55.4141, 64.0861,
104.0570

■ 55.4141, 64.0861,
104.0570

397.5907,
439.5005, 594.4804

■ 39.9685, 46.7204,
79.0573

■ 97.2922, 110.7349,
168.8217

■ 27.6981, 32.8147,
58.4213

■ 124.4554,
140.7869, 209.4237

■ 18.2375, 21.9845,
41.7305

156.2552,
175.8363, 256.0637

■ 11.2214, 13.8455,
28.5664

193.0570,
216.2677, 309.1600

■ 6.2843, 8.0133,
18.5103

235.2261,
262.4654, 369.1313

■ 3.0610, 4.1035,
11.1437

283.1278,

■ 1.1861, 1.7316,

314.8139, 436.3961

6.0482

337.1275,
373.6974, 511.3730

■ 0.0954, 0.4440,
2.8052

■ 0.0000, 0.0000,
0.9960

■ 55.4141, 64.0861,
104.0570

■ 55.4141, 64.0861,
104.0570

■ 49.1773, 57.6641,
103.1461

■ 62.7811, 71.2617,
105.0537

■ 43.9960, 51.9504,
102.3163

■ 71.3361, 79.2188,
106.1387

■ 39.7942, 46.9047,
101.5639

■ 81.1391, 87.9922,
107.3154

■ 36.4826, 42.4784,
100.8841

■ 92.2443, 97.6121,
108.5870

■ 33.9534, 38.6133,
100.2713

95.0500, 100.0000,
108.9000

■ 32.4258, 35.9715,
99.8419

Harmonies

Analogous

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



51.3425, 64.0861, 89.0275



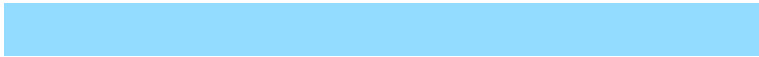
55.4141, 64.0861, 104.0570



61.2075, 64.0861, 109.5362

Triad

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



55.4141, 64.0861, 104.0570



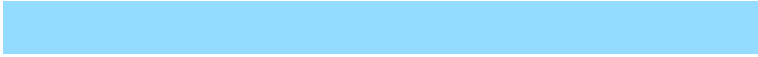
73.5530, 64.0861, 68.9370



54.9355, 64.0861, 44.6247

Complementary

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



55.4141, 64.0861, 104.0570



63.4404, 57.2339, 35.3091

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.



60.6172, 64.0861, 41.0353



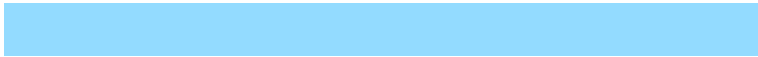
55.4141, 64.0861, 104.0570



71.6021, 64.0861, 53.5262

Square

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



55.4141, 64.0861, 104.0570



71.9313, 64.0861, 87.3164



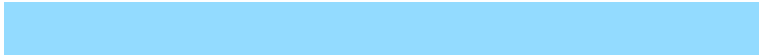
66.7618, 64.0861, 44.0002



51.0796, 64.0861, 54.7625

Rectangle

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



55.4141, 64.0861, 104.0570



65.3475, 64.0861, 106.4102



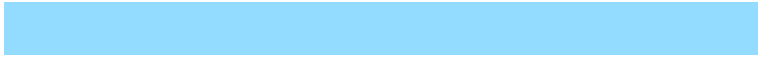
66.7618, 64.0861, 44.0002



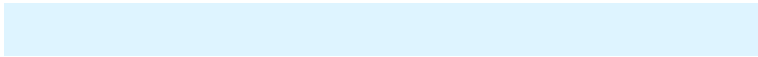
56.6817, 64.0861, 42.6974

Sweetspot

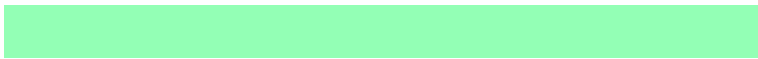
The Sweet Spot groups the original color and five complimentary colors.



55.4159, 64.0885, 104.0573



80.4641, 87.3976, 107.2363



56.1547, 81.0680, 56.5134



16.7399, 18.2794, 22.8959



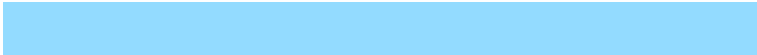
0.0000, 0.0000, 0.0000



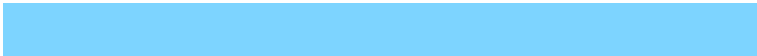
20.3446, 21.4041, 23.3091

Same Dimension

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



55.4159, 64.0885, 104.0573



49.9569, 58.4898, 103.2644



43.8662, 40.9890, 100.2074



18.0149, 19.4014, 23.0453



17.0862, 19.0819, 52.2172



1.7642, 2.0590, 5.1177

Inverse Universe

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



64.4611, 47.2435, 72.7419



60.4072, 40.6505, 66.7205



76.2727, 82.8984, 39.5866



18.5202, 18.1914, 21.3563



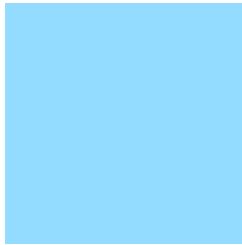
25.4125, 12.6543, 21.3545



2.5251, 1.2524, 2.3465

Previews

White Background



This preview shows how the XYZ color 55.4141, 64.0861, 104.0570 looks on a white background.

Color Contrast Check

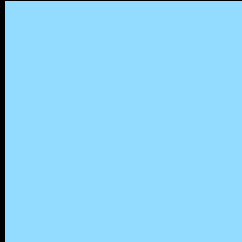
Large Text (above 18pt) WCAG AA × Fail

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 55.4141, 64.0861, 104.0570 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 55.4141, 64.0861, 104.0570

Background



This preview shows how black text looks on a background with the XYZ color 55.4141, 64.0861, 104.0570.

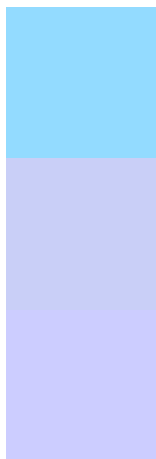


This preview shows how white text looks on a background with the XYZ color 55.4141, 64.0861,

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

55.4141, 64.0861, 104.0570

Protanopia

63.1887, 63.7586, 96.9719

Deuteranopia

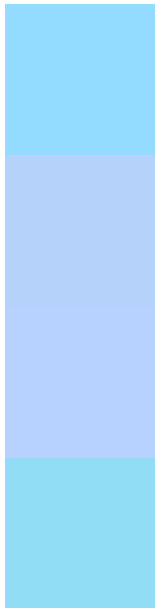
64.7832, 63.7200, 103.4925



Tritanopia

53.0290, 64.3142, 91.2803

Trichromacy



Original Color

55.4141, 64.0861, 104.0570

Protanomaly

59.6056, 63.3144, 99.5218

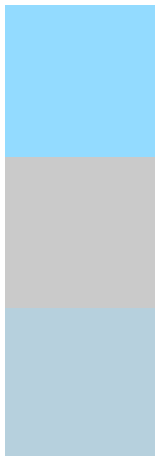
Deuteranomaly

60.6250, 63.3805, 103.6461

Tritanomaly

53.8395, 64.2348, 95.9471

Monochromacy



Original Color

55.4141, 64.0861, 104.0570

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 55.4141, 64.0861, 104.0570 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(147, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(147, 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(147, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 219, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.4141, 64.0861, 104.0570 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(147, 219, 255) }
```


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

```
.border{ border-color:rgb(147, 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(147, 219, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(147, 219,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4141, 64.0861, 104.0570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 219, 255) }
```

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

```
.background{ background-color: rgb(147,  
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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