

Converting Colors

XYZ(55.9924, 64.3093,
104.0696)

Have a look what the booklet for
XYZ(55.9924, 64.3093, 104.0696)
contains.

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Color

**XYZ(55.9592, 64.3671,
104.0825)**

Conversions

Conversions Part 1

Format	Color
Hex	96DBFF
RGB	150, 219, 255
RGB Percent	59%, 86%, 100%
CMY	0.4117, 0.1412, 0.0000
CMYK	0.41, 0.14, 0.00, 0.00
HSL	201°, 100%, 79%
HSV	201°, 41%, 100%
XYZ	55.9592, 64.3671, 104.0825
YIQ	202.4730, -52.6800, -3.4320

Conversions

Conversions Part 2

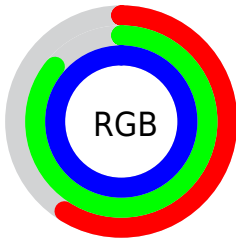
Format	Color
R_{YB}	150, 192, 255
Decimal	9886719
CIE _{Lab}	84.16, -12.64, -24.33
CIE _{LCh}	84, 27.422, 242.541
Yxy	64.3671, 0.2494, 0.2868
Android (android.graphics.Color)	4288076799 (0xFF96DBFF)
YUV	202.4730, 25.8958, -46.0188
Hunter-Lab	80.2291, -15.8985, -20.7575

Details

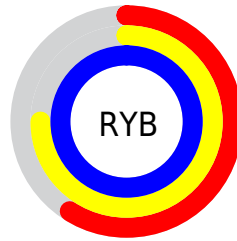
The XYZ color **55.9592, 64.3671, 104.0825** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.3044, 58.5803, 36.7740**, and the grayscale version is **56.3029, 59.2350, 64.5069**.

A 20% lighter version of the original color is **79.8224, 92.1499, 108.1874**, and **27.9827, 32.9553, 58.3122** is the 20% darker color. If you saturate the color by 10%, you get **49.5465, 57.7652, 103.1462**, and if you desaturate by 10%, it is **63.5163, 71.7397, 105.1072**.

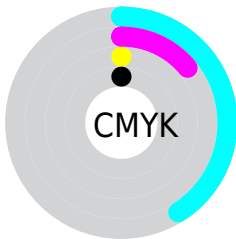
Distribution



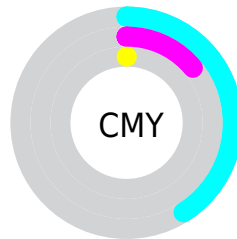
- Red (59%)
- Green (86%)
- Blue (100%)



- Red (59%)
- Yellow (75%)
- Blue (100%)



- Cyan (41%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (41%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9592, 64.3671, 104.0825 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 55.9592, 64.3671, 104.0825 by changing the saturation by 10% instead.

■ 55.9592, 64.3671,
104.0825

■ 55.9592, 64.3671,
104.0825

399.6152,
440.5141, 594.5618

■ 40.4071, 46.9481,
79.0785

■ 98.0851, 111.1395,
168.8569

■ 28.0417, 32.9946,
58.4387

■ 125.3895,
141.2616, 209.4644

■ 18.4977, 22.1223,
41.7444

157.3422,
176.3868, 256.1101

■ 11.4098, 13.9468,
28.5771

194.3083,
216.8996, 309.2127

■ 6.4125, 8.0837,
18.5183

236.6534,
263.1843, 369.1906

■ 3.1405, 4.1485,
11.1495

284.7426,

■ 1.2285, 1.7570,

315.6254, 436.4624

6.0520

338.9415,
374.6072, 511.4467

■ 0.1287, 0.4602,
2.8074

■ 0.0000, 0.0000,
0.9972

■ 55.9592, 64.3671,
104.0825

■ 55.9592, 64.3671,
104.0825

■ 49.5465, 57.7652,
103.1462

■ 63.5163, 71.7397,
105.1072

■ 44.2040, 51.8887,
102.2935

■ 72.2749, 79.9107,
106.2228

■ 39.8567, 46.6976,
101.5206

■ 82.2947, 88.9150,
107.4326

■ 36.4168, 42.1438,
100.8229

■ 93.6298, 98.7828,
108.7399

■ 33.7790, 38.1702, 95.0500, 100.0000,
100.1950 108.9000

■ 31.9747, 35.0693,
99.6916

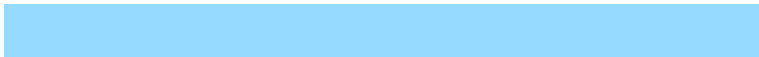
Harmonies

Analogous

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



51.8679, 64.3671, 89.6224



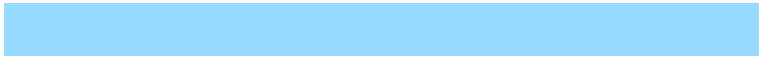
55.9592, 64.3671, 104.0825



61.6974, 64.3671, 109.0117

Triad

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



55.9592, 64.3671, 104.0825



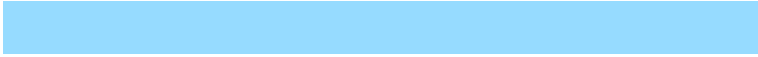
73.5805, 64.3671, 68.6148



55.1198, 64.3671, 45.5382

Complementary

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



55.9592, 64.3671, 104.0825



64.3044, 58.5803, 36.7740

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.



60.6635, 64.3671, 41.7412



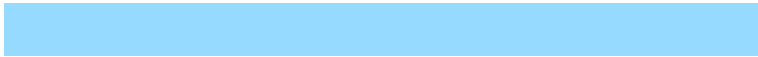
55.9592, 64.3671, 104.0825



71.5426, 64.3671, 53.6155

Square

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



55.9592, 64.3671, 104.0825



72.1179, 64.3671, 86.6353



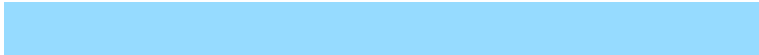
66.7137, 64.3671, 44.4366



51.4063, 64.3671, 55.7890

Rectangle

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



55.9592, 64.3671, 104.0825



65.7579, 64.3671, 105.6663



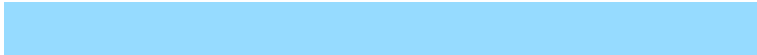
66.7137, 64.3671, 44.4366



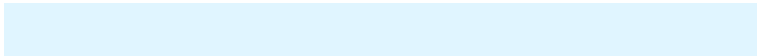
56.8178, 64.3671, 43.5490

Sweetspot

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



55.9610, 64.3695, 104.0828



81.4187, 88.1395, 107.3291



57.0958, 81.5074, 58.6238



17.1341, 18.6053, 22.9381



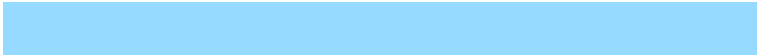
0.0000, 0.0000, 0.0000



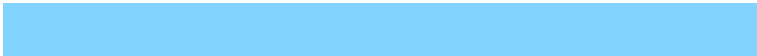
20.3446, 21.4041, 23.3091

Same Dimension

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



55.9610, 64.3695, 104.0828



50.8478, 59.1381, 103.3426



44.5397, 41.5268, 100.2757



17.9998, 19.3712, 23.0403



16.8519, 18.6133, 52.1391



1.7425, 2.0158, 5.1105

Inverse Universe

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



64.9338, 48.1888, 72.8995



61.1335, 42.0003, 67.2798



77.1748, 84.3209, 41.0641



18.5125, 18.1883, 21.3162



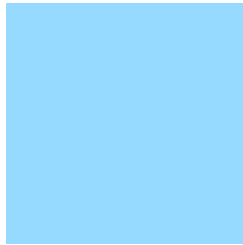
25.2942, 12.6070, 20.7317



2.5142, 1.2480, 2.2890

Previews

White Background



This preview shows how the XYZ color 55.9592, 64.3671, 104.0825 looks on a white background.

Color Contrast Check

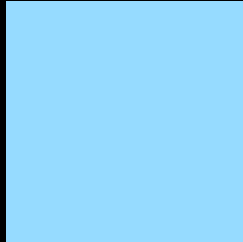
Large Text (above 18pt) WCAG AA × Fail

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 55.9592, 64.3671, 104.0825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

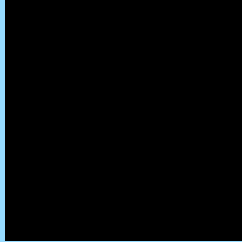
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.9592, 64.3671, 104.0825

Background



This preview shows how black text looks on a background with the XYZ color 55.9592, 64.3671, 104.0825.



This preview shows how white text looks on a background with the XYZ color 55.9592, 64.3671,

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

55.9592, 64.3671, 104.0825

Protanopia

63.1887, 63.7586, 96.9719

Deuteranopia

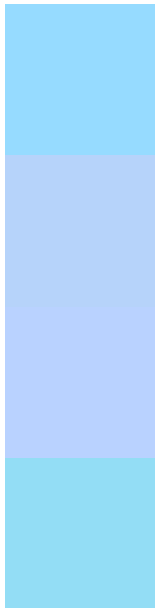
65.0582, 63.8618, 103.5054



Tritanopia

53.5553, 64.5855, 91.3049

Trichromacy



Original Color

55.9592, 64.3671, 104.0825

Protanomaly

59.8410, 63.4357, 99.5328

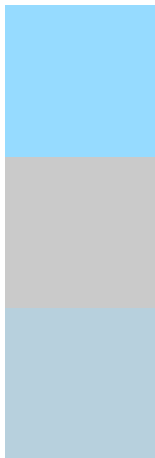
Deuteranomaly

61.1042, 63.6275, 103.6685

Tritanomaly

54.3705, 64.5085, 95.9720

Monochromacy



Original Color

55.9592, 64.3671, 104.0825

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.1355, 60.3995, 77.1589

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9592, 64.3671, 104.0825 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(150, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(150, 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(150, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 219, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.9592, 64.3671, 104.0825 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(150, 219, 255) }
```


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

```
.border{ border-color:rgb(150, 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(150, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(150, 219,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9592, 64.3671, 104.0825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 219, 255) }
```

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

```
.background{ background-color: rgb(150,  
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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