

Converting Colors

XYZ(55.5979, 60.6016,
103.3747)

Have a look what the booklet for
XYZ(55.5979, 60.6016, 103.3747)
contains.

XYZ(55.5484, 60.3980, 103.3380)	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(55.5484, 60.3980,
103.3380)**

Conversions

Conversions Part 1

Format	Color
Hex	A1D1FF
RGB	161, 209, 255
RGB Percent	63%, 82%, 100%
CMY	0.3686, 0.1804, 0.0000
CMYK	0.37, 0.18, 0.00, 0.00
HSL	209°, 100%, 82%
HSV	209°, 37%, 100%
XYZ	55.5484, 60.3980, 103.3380
YIQ	199.8920, -43.3740, 4.1300

Conversions

Conversions Part 2

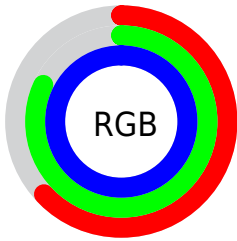
Format	Color
R _Y B	161, 193, 255
Decimal	10605055
CIE Lab	82.05, -4.61, -27.49
CIE LCh	82, 27.871, 260.479
Yxy	60.3980, 0.2533, 0.2754
Android (android.graphics.Color)	4288795135 (0xFFA1D1FF)
YUV	199.8920, 27.1682, -34.1083
Hunter-Lab	77.7162, -8.4186, -24.4357

Details

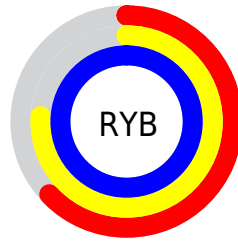
The XYZ color **55.5484, 60.3980, 103.3380** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **69.9863, 68.4592, 43.2454**, and the grayscale version is **54.6921, 57.5403, 62.6614**.

A 20% lighter version of the original color is **82.7234, 93.6454, 108.3231**, and **27.8582, 30.5841, 57.8611** is the 20% darker color. If you saturate the color by 10%, you get **47.9816, 52.1302, 102.1410**, and if you desaturate by 10%, it is **64.4063, 69.6901, 104.6647**.

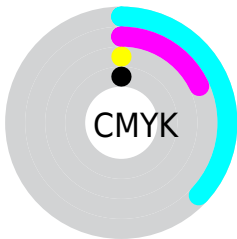
Distribution



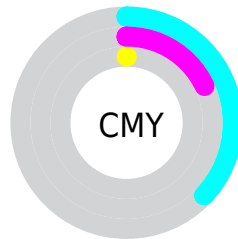
- Red (63%)
- Green (82%)
- Blue (100%)



- Red (63%)
- Yellow (76%)
- Blue (100%)



- Cyan (37%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (37%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5484, 60.3980, 103.3380 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 55.5484, 60.3980, 103.3380 by changing the saturation by 10% instead.

■ 55.5484, 60.3980,
103.3380

■ 55.5484, 60.3980,
103.3380

398.0901,
426.0632, 592.1802

■ 40.0765, 43.7395,
78.4588

■ 97.4876, 105.4068,
167.8286

■ 27.7827, 30.4658,
57.9323

■ 124.6857,
134.5259, 208.2771

■ 18.3015, 20.1924,
41.3398

156.5232,
168.5673, 254.7524

■ 11.2677, 12.5350,
28.2630

193.3656,
207.9155, 307.6730

■ 6.3158, 7.1091,
18.2833

235.5781,
252.9548, 367.4576

■ 3.0805, 3.5304,
10.9820

283.5261,

■ 1.1965, 1.4145,

304.0696, 434.5246

5.9407

337.5749,
361.6442, 509.2927

■ 0.1036, 0.2274,
2.7409

■ 0.0000, 0.0000,
0.9639

■ 55.5484, 60.3980,
103.3380

■ 55.5484, 60.3980,
103.3380

■ 47.9816, 52.1302,
102.1410

■ 64.4063, 69.6901,
104.6647

■ 41.6312, 44.8359,
101.0677

■ 74.6141, 80.0407,
106.1246

■ 36.4221, 38.4694,
100.1134

■ 86.2329, 91.4900,
107.7221

■ 32.2676, 32.9774,
99.2723

95.0500, 100.0000,
108.9000

■ 29.0670, 28.2988,
98.5380

■ 26.6939, 24.3590,
97.9026

■ 26.0616, 23.2432,
97.7205

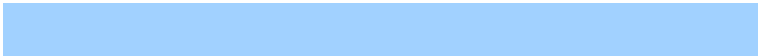
Harmonies

Analogous

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



50.4785, 60.3980, 94.1785



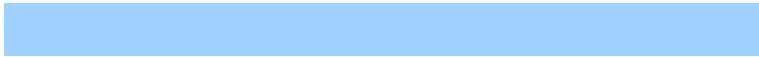
55.5484, 60.3980, 103.3380



61.4722, 60.3980, 101.1804

Triad

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



55.5484, 60.3980, 103.3380



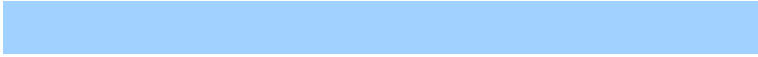
68.7163, 60.3980, 55.0276



49.0841, 60.3980, 47.1610

Complementary

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



55.5484, 60.3980, 103.3380



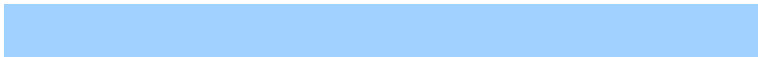
69.9863, 68.4592, 43.2454

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.



53.5241, 60.3980, 39.7572



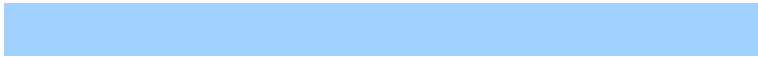
55.5484, 60.3980, 103.3380



64.9410, 60.3980, 43.7291

Square

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



55.5484, 60.3980, 103.3380



69.3510, 60.3980, 71.2911



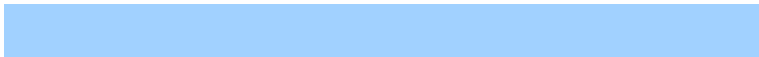
59.3056, 60.3980, 38.6189



46.9188, 60.3980, 60.5286

Rectangle

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



55.5484, 60.3980, 103.3380



65.0991, 60.3980, 93.7350



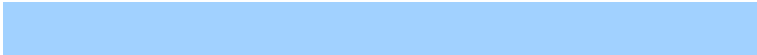
59.3056, 60.3980, 38.6189



50.3451, 60.3980, 43.9960

Sweetspot

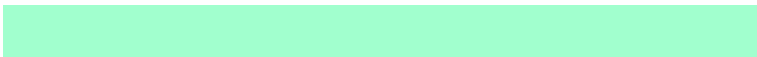
The Sweet Spot groups the original color and five complimentary colors.



55.5501, 60.4003, 103.3384



81.2492, 86.6157, 107.0439



61.6523, 83.5749, 71.5524



17.0528, 18.2065, 22.8654



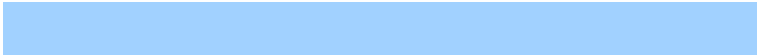
0.0000, 0.0000, 0.0000



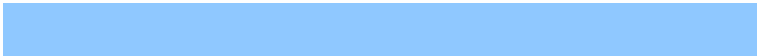
20.3446, 21.4041, 23.3091

Same Dimension

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



55.5501, 60.4003, 103.3384



50.0195, 54.3947, 102.4707



45.7699, 40.8397, 100.0783



17.7700, 18.9115, 22.9637



13.7677, 12.4451, 51.1111



1.4499, 1.4305, 5.0130

Inverse Universe

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



65.4947, 51.3548, 66.7845



61.4690, 45.0195, 60.1521



82.9356, 94.3579, 47.5618



18.3965, 18.1419, 20.7053



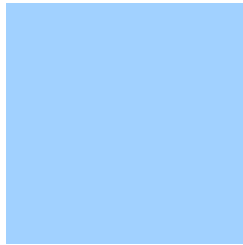
23.7375, 11.9843, 12.5341



2.3664, 1.1890, 1.5111

Previews

White Background



This preview shows how the XYZ color 55.5484, 60.3980, 103.3380 looks on a white background.

Color Contrast Check

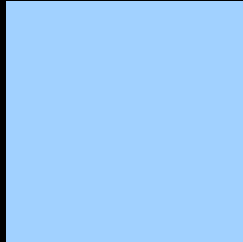
Large Text (above 18pt) WCAG AA × Fail

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 55.5484, 60.3980, 103.3380 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

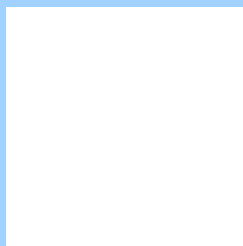
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5484, 60.3980, 103.3380

Background



This preview shows how black text looks on a background with the XYZ color 55.5484, 60.3980, 103.3380.



This preview shows how white text looks on a background with the XYZ color 55.5484, 60.3980,

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

55.5484, 60.3980, 103.3380

Protanopia

59.8802, 59.8819, 98.8448

Deuteranopia

61.4692, 60.2643, 103.0001



Tritanopia

51.5947, 60.2702, 83.7769

Trichromacy



Original Color

55.5484, 60.3980, 103.3380

Protanomaly

58.2196, 60.0378, 100.6154

Deuteranomaly

58.9344, 59.9992, 103.0826

Tritanomaly

53.0281, 60.4871, 90.5416

Monochromacy



Original Color

55.5484, 60.3980, 103.3380

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.5239, 58.3183, 76.0930

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5484, 60.3980, 103.3380 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(161, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(161, 209, 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(161, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 209, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.5484, 60.3980, 103.3380 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(161, 209, 255) }
```


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

```
.border{ border-color:rgb(161, 209, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(161, 209,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5484, 60.3980, 103.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 209, 255) }
```

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

```
.background{ background-color: rgb(161,  
209, 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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