

Converting Colors

XYZ(55.0931, 61.5463, 97.6203)

Have a look what the booklet for
XYZ(55.0931, 61.5463, 97.6203)
contains.

XYZ(54.9840, 61.3379, 97.7484)	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(54.9840, 61.3379,
97.7484)**

Conversions

Conversions Part 1

Format	Color
Hex	A0D4F8
RGB	160, 212, 248
RGB Percent	63%, 83%, 97%
CMY	0.3725, 0.1686, 0.0274
CMYK	0.35, 0.15, 0.00, 0.03
HSL	205°, 86%, 80%
HSV	205°, 35%, 97%
XYZ	54.9840, 61.3379, 97.7484
YIQ	200.5560, -42.5480, 0.1720

Conversions

Conversions Part 2

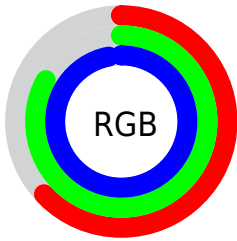
Format	Color
R_{YB}	160, 193, 248
Decimal	10540280
CIE Lab	82.56, -8.21, -23.00
CIE LCh	83, 24.427, 250.355
Yxy	61.3379, 0.2569, 0.2865
Android (android.graphics.Color)	4288730360 (0xFFA0D4F8)
YUV	200.5560, 23.3899, -35.5676
Hunter-Lab	78.3185, -11.7404, -19.1762

Details

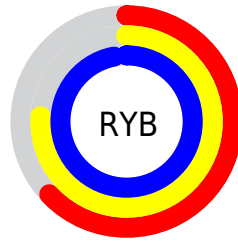
The XYZ color **54.9840, 61.3379, 97.7484** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **64.7976, 61.9754, 41.8068**, and the grayscale version is **55.1231, 57.9938, 63.1553**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **27.3971, 30.9230, 54.3939** is the 20% darker color. If you saturate the color by 10%, you get **48.0554, 54.1200, 96.7215**, and if you desaturate by 10%, it is **63.0647, 69.3891, 98.8776**.

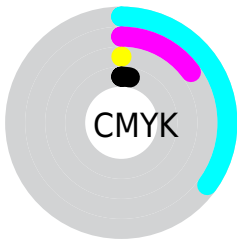
Distribution



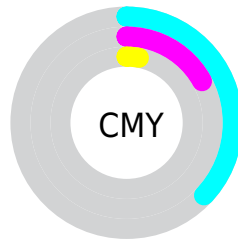
- Red (63%)
- Green (83%)
- Blue (97%)



- Red (63%)
- Yellow (76%)
- Blue (97%)



- Cyan (35%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)



- Cyan (37%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9840, 61.3379, 97.7484 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 54.9840, 61.3379, 97.7484 by changing the saturation by 10% instead.

■ 54.9840, 61.3379,
97.7484

■ 54.9840, 61.3379,
97.7484

395.9887,
429.5119, 574.1343

■ 39.6227, 44.4979,
73.8151

■ 96.6660, 106.7680,
160.0843

■ 27.4274, 31.0621,
54.1468

■ 123.7174,
136.1270, 199.3240

■ 18.0327, 20.6462,
38.3251

155.3961,
170.4277, 244.5029

■ 11.0733, 12.8656,
25.9313

192.0677,
210.0546, 296.0395

■ 6.1838, 7.3361,
16.5470

234.0974,
255.3921, 354.3524

■ 2.9989, 3.6732,
9.7535

281.8505,

■ 1.1532, 1.4925,

306.8245, 419.8602

5.1324

335.6925,
364.7363, 492.9813

■ 0.0689, 0.2834,
2.2650

■ 0.0000, 0.0000,
0.7115

■ 54.9840, 61.3379,
97.7484

■ 54.9840, 61.3379,
97.7484

■ 48.0554, 54.1200,
96.7215

■ 63.0647, 69.3891,
98.8776

■ 42.2111, 47.6920,
95.7888

■ 72.3487, 78.2999,
100.1083

■ 37.3846, 42.0165,
94.9477

■ 82.8911, 88.1044,
101.4450

■ 33.4989, 37.0493,
94.1937

■ 93.1777, 98.0257,
102.8179

■ 30.4647, 32.7397,
93.5218

■ 93.9435, 99.5574,
103.0732

■ 28.1723, 29.0261,
92.9258

■ 27.3074, 27.5053,
92.6778

Harmonies

Analogous

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



50.9674, 61.3379, 87.2253



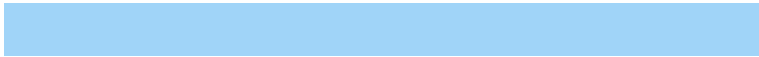
54.9840, 61.3379, 97.7484



60.1262, 61.3379, 99.3128

Triad

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



54.9840, 61.3379, 97.7484



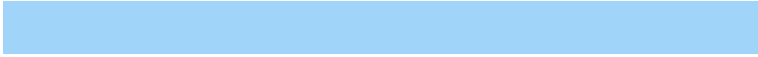
68.7624, 61.3379, 61.7422



52.0275, 61.3379, 47.1557

Complementary

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



54.9840, 61.3379, 97.7484



64.7976, 61.9754, 41.8068

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.



56.5108, 61.3379, 42.2725



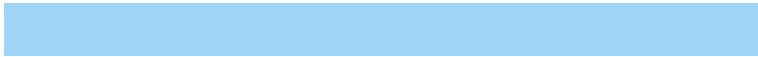
54.9840, 61.3379, 97.7484



66.3038, 61.3379, 49.8194

Square

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



54.9840, 61.3379, 97.7484



68.2929, 61.3379, 76.9442



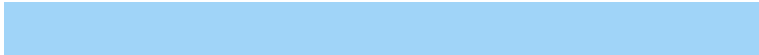
61.7464, 61.3379, 43.1687



49.3325, 61.3379, 57.5646

Rectangle

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



54.9840, 61.3379, 97.7484



63.5310, 61.3379, 94.8487



61.7464, 61.3379, 43.1687



53.3640, 61.3379, 44.8896

Sweetspot

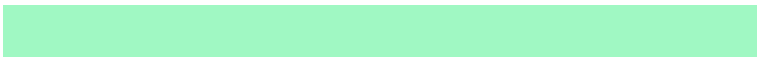
The Sweet Spot groups the original color and five complimentary colors.



54.9859, 61.3403, 97.7498



81.9209, 87.9589, 107.2678



57.9391, 78.5589, 63.8598



17.2129, 18.5267, 22.9187



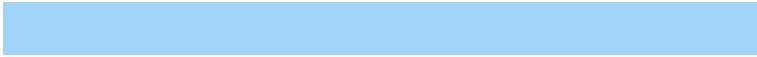
0.0000, 0.0000, 0.0000



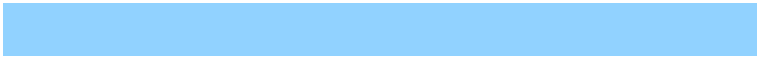
20.3446, 21.4041, 23.3091

Same Dimension

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



54.9859, 61.3403, 97.7498



52.8712, 59.4364, 103.2935



45.5930, 42.5543, 94.6188



17.1357, 18.3482, 22.0237



14.8928, 15.1411, 50.1111



1.4836, 1.6108, 4.6759

Inverse Universe

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



63.1675, 49.8534, 68.5833



63.0699, 46.2783, 66.6760



75.9830, 84.3460, 45.5352



17.6750, 17.3974, 20.1444



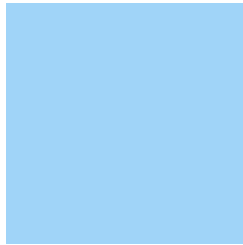
23.8092, 11.9394, 16.2356



2.2578, 1.1268, 1.7808

Previews

White Background



This preview shows how the XYZ color 54.9840, 61.3379, 97.7484 looks on a white background.

Color Contrast Check

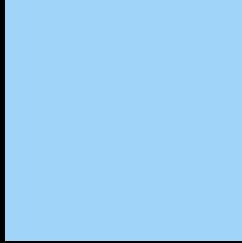
Large Text (above 18pt) WCAG AA × Fail

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 54.9840, 61.3379, 97.7484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

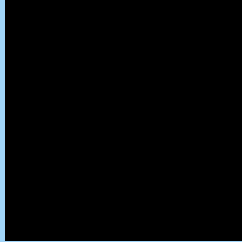
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9840, 61.3379, 97.7484

Background



This preview shows how black text looks on a background with the XYZ color 54.9840, 61.3379, 97.7484.

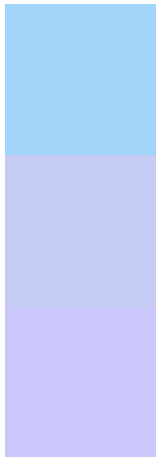


This preview shows how white text looks on a background with the XYZ color 54.9840, 61.3379,

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

54.9840, 61.3379, 97.7484

Protanopia

60.4089, 60.9930, 92.5933

Deuteranopia

62.2667, 60.7672, 98.8899



Tritanopia

52.5762, 61.4950, 85.4426

Trichromacy



Original Color

54.9840, 61.3379, 97.7484

Protanomaly

58.1676, 60.8646, 94.2702

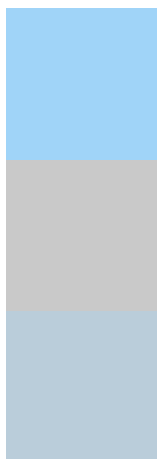
Deuteranomaly

59.1853, 60.5901, 98.1982

Tritanomaly

53.3838, 61.4343, 89.9333

Monochromacy



Original Color

54.9840, 61.3379, 97.7484

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

54.7359, 59.1637, 74.8645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9840, 61.3379, 97.7484 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(160, 212, 248)` looks like.

```
.text, #text, p{  
    color:rgb(160, 212, 248)  
}
```

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(160, 212, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 212, 248) }
```

Border

The CSS property to change the border of an element to XYZ 54.9840, 61.3379, 97.7484 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(160, 212, 248) }
```


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

```
.border{ border-color:rgb(160, 212, 248) }
```

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

Here you see how a box with a 4 pixel rgb(160, 212, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 212, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 212, 248);  
box-shadow:4px 4px 4px 4px rgb(160, 212,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9840, 61.3379, 97.7484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 212, 248) }
```

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

```
.background{ background-color: rgb(160,  
212, 248) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor