

Converting Colors

XYZ(52.0104, 55.3846, 96.6790)

Have a look what the booklet for
XYZ(52.0104, 55.3846, 96.6790)
contains.

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Color

**XYZ(52.0948, 55.5594,
96.7853)**

Conversions

Conversions Part 1

Format	Color
Hex	A0C8F8
RGB	160, 200, 248
RGB Percent	63%, 78%, 97%
CMY	0.3725, 0.2157, 0.0274
CMYK	0.35, 0.19, 0.00, 0.03
HSL	213°, 86%, 80%
HSV	213°, 35%, 97%
XYZ	52.0948, 55.5594, 96.7853
YIQ	193.5120, -39.2480, 6.4480

Conversions

Conversions Part 2

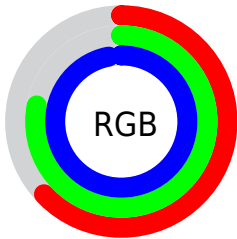
Format	Color
RYB	160, 188, 248
Decimal	10537208
CIELab	79.36, -1.86, -27.88
CIELCh	79, 27.944, 266.188
Yxy	55.5594, 0.2548, 0.2718
Android (android.graphics.Color)	4288727288 (0xFFA0C8F8)
YUV	193.5120, 26.8626, -29.3900
Hunter-Lab	74.5382, -5.6880, -24.8093

Details

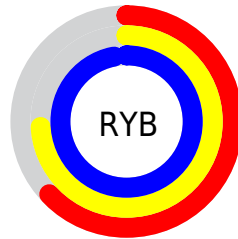
The XYZ color **52.0948, 55.5594, 96.7853** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **67.6138, 67.6077, 42.7456**, and the grayscale version is **50.8546, 53.5030, 58.2648**.

A 20% lighter version of the original color is **82.4253, 93.4917, 108.3092**, and **25.5086, 27.3226, 53.2196** is the 20% darker color. If you saturate the color by 10%, you get **44.6274, 47.2640, 95.5787**, and if you desaturate by 10%, it is **60.8318, 64.9232, 98.1332**.

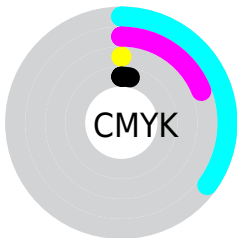
Distribution



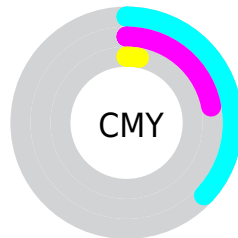
- Red (63%)
- Green (78%)
- Blue (97%)



- Red (63%)
- Yellow (74%)
- Blue (97%)



- Cyan (35%)
- Magenta (19%)
- Yellow (0%)
- Black (3%)



- Cyan (37%)
- Magenta (22%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0948, 55.5594, 96.7853 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 52.0948, 55.5594, 96.7853 by changing the saturation by 10% instead.

■ 52.0948, 55.5594,
96.7853

■ 52.0948, 55.5594,
96.7853

385.1204,
408.0289, 570.9945

■ 37.3052, 39.8498,
73.0167

■ 92.4444, 98.3601,
158.7455

■ 25.6187, 27.4214,
53.4977

■ 118.7352,
126.2199, 197.7742

■ 16.6698, 17.8900,
37.8098

149.5904,
158.8986, 242.7266

■ 10.0932, 10.8710,
25.5344

185.3754,
196.7806, 294.0214

■ 5.5235, 5.9802,
16.2530

226.4555,
240.2502, 352.0770

■ 2.5955, 2.8330,
9.5471

273.1962,

■ 0.9436, 1.0452,

289.6919, 417.3121

4.9981

325.9627,
345.4900, 490.1450

■ 0.0000, 0.0000,
2.1874

■ 0.0000, 0.0000,
0.6671

■ 52.0948, 55.5594,
96.7853

■ 52.0948, 55.5594,
96.7853

■ 44.6274, 47.2640,
95.5787

■ 60.8318, 64.9232,
98.1332

■ 38.3581, 39.9860,
94.5043

■ 70.8943, 75.3909,
99.6233

■ 33.2157, 33.6787,
93.5579

■ 82.3408, 87.0036,
101.2615

■ 29.1185, 28.2886,
92.7335

■ 93.6609, 98.9922,
102.9789

■ 25.9723, 23.7549,
92.0242

■ 93.9435, 99.5574,
103.0731

■ 23.6620, 20.0056,
91.4223

■ 22.8184, 18.5273,
91.1814

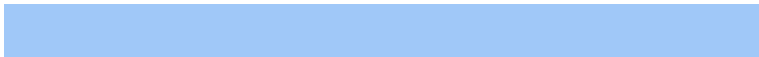
Harmonies

Analogous

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



47.0382, 55.5594, 89.9120



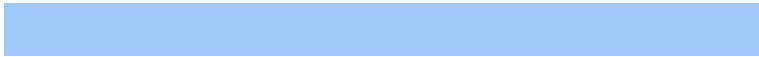
52.0948, 55.5594, 96.7853



57.7046, 55.5594, 92.6090

Triad

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



52.0948, 55.5594, 96.7853



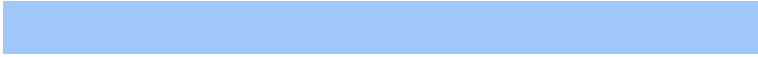
63.0736, 55.5594, 47.8778



44.3550, 55.5594, 44.9029

Complementary

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



52.0948, 55.5594, 96.7853



67.6138, 67.6077, 42.7456

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.



48.1957, 55.5594, 36.8230



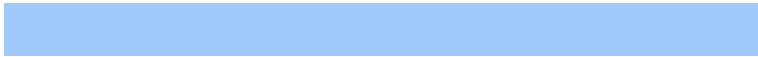
52.0948, 55.5594, 96.7853



59.0303, 55.5594, 38.3155

Square

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



52.0948, 55.5594, 96.7853



64.2992, 55.5594, 62.5685



53.5268, 55.5594, 34.6424



42.7738, 55.5594, 58.4673

Rectangle

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



52.0948, 55.5594, 96.7853



60.9669, 55.5594, 84.4592



53.5268, 55.5594, 34.6424



45.4107, 55.5594, 41.5552

Sweetspot

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



52.0966, 55.5616, 96.7866



80.7847, 85.6865, 106.8891



59.3205, 79.1114, 71.1340



16.9422, 17.9853, 22.8285



0.0000, 0.0000, 0.0000



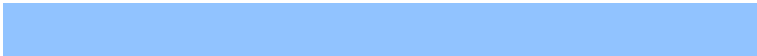
20.3446, 21.4041, 23.3091

Same Dimension

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



52.0966, 55.5616, 96.7866



49.3469, 52.3877, 102.1187



44.6065, 39.7004, 94.1199



16.9329, 17.9427, 21.9561



12.4625, 10.2806, 49.3011



1.2587, 1.1610, 4.6009

Inverse Universe

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



61.7091, 49.2701, 60.9033



61.2910, 45.5667, 57.3083



77.5932, 89.0985, 46.3678



17.5727, 17.3564, 19.6055



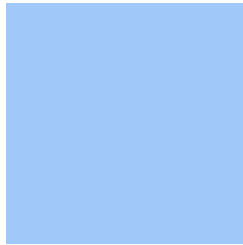
22.5825, 11.4487, 9.7760



2.1442, 1.0814, 1.1830

Previews

White Background



This preview shows how the XYZ color 52.0948, 55.5594, 96.7853 looks on a white background.

Color Contrast Check

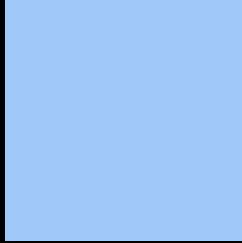
Large Text (above 18pt) WCAG AA × Fail

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 52.0948, 55.5594, 96.7853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

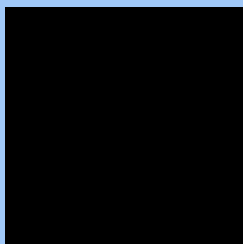
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

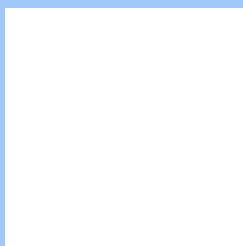
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0948, 55.5594, 96.7853

Background



This preview shows how black text looks on a background with the XYZ color 52.0948, 55.5594, 96.7853.



This preview shows how white text looks on a background with the XYZ color 52.0948, 55.5594,

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

52.0948, 55.5594, 96.7853

Protanopia

55.3881, 55.3056, 93.3437

Deuteranopia

56.5985, 55.1662, 98.1076



Tritanopia

48.2089, 55.7531, 76.6272

Trichromacy



Original Color

52.0948, 55.5594, 96.7853

Protanomaly

53.9006, 55.1864, 94.1974

Deuteranomaly

54.7455, 55.2169, 97.3951

Tritanomaly

49.4900, 55.5493, 83.7150

Monochromacy



Original Color

52.0948, 55.5594, 96.7853

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.1689, 54.2800, 71.3985

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0948, 55.5594, 96.7853 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, 200, 248)` looks like.

```
.text, #text, p{  
    color:rgb(160, 200, 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, 200, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 200, 248) }
```

Border

The CSS property to change the border of an element to XYZ 52.0948, 55.5594, 96.7853 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, 200, 248) }
```


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

```
.border{ border-color:rgb(160, 200, 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, 200, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 200, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 200, 248);  
box-shadow:4px 4px 4px 4px rgb(160, 200,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0948, 55.5594, 96.7853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 200, 248) }
```

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

```
.background{ background-color: rgb(160,  
200, 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](#).

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