

Converting Colors

XYZ(54.3438, 55.7191, 96.7915)

Have a look what the booklet for
XYZ(54.3438, 55.7191, 96.7915)
contains.

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Color

**XYZ(54.3651, 55.7085,
96.6944)**

Conversions

Conversions Part 1

Format	Color
Hex	AEC5F8
RGB	174, 197, 248
RGB Percent	68%, 77%, 97%
CMY	0.3176, 0.2274, 0.0274
CMYK	0.30, 0.21, 0.00, 0.03
HSL	221°, 84%, 83%
HSV	221°, 30%, 97%
XYZ	54.3651, 55.7085, 96.6944
YIQ	195.9370, -30.0790, 10.9850

Conversions

Conversions Part 2

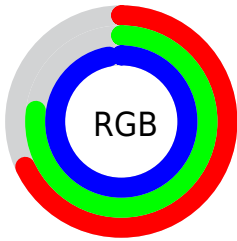
Format	Color
RYB	174, 192, 248
Decimal	11453944
CIELab	79.45, 3.63, -27.68
CIElCh	79, 27.913, 277.482
Yxy	55.7085, 0.2629, 0.2694
Android (android.graphics.Color)	4289644024 (0xFFAEC5F8)
YUV	195.9370, 25.6671, -19.2387
Hunter-Lab	74.6381, -0.6005, -24.5641

Details

The XYZ color **54.3651, 55.7085, 96.6944** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73.2775, 76.8636, 51.0202**, and the grayscale version is **52.2970, 55.0205, 59.9174**.

A 20% lighter version of the original color is **86.4468, 95.0925, 108.4062**, and **26.9722, 27.3996, 53.1573** is the 20% darker color. If you saturate the color by 10%, you get **45.6786, 45.7932, 95.2393**, and if you desaturate by 10%, it is **64.5153, 67.0341, 98.3464**.

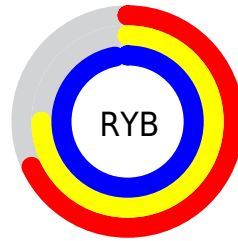
Distribution



Red (68%)

Green (77%)

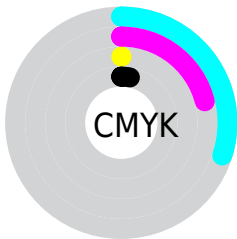
Blue (97%)



Red (68%)

Yellow (75%)

Blue (97%)

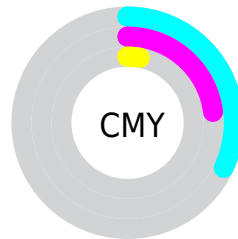


Cyan (30%)

Magenta (21%)

Yellow (0%)

Black (3%)



Cyan (32%)

Magenta (23%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3651, 55.7085, 96.6944 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 54.3651, 55.7085, 96.6944 by changing the saturation by 10% instead.

■ 54.3651, 55.7085,
96.6944

■ 54.3651, 55.7085,
96.6944

393.6764,
408.5920, 570.6976

■ 39.1255, 39.9693,
72.9414

■ 95.7639, 98.5782,
158.6191

■ 27.0385, 27.5146,
53.4365

122.6537,
126.4775, 197.6278

■ 17.7389, 17.9601,
37.7612

154.1576,
159.1990, 242.5588

■ 10.8612, 10.9213,
25.4970

190.6410,
197.1269, 293.8307

■ 6.0402, 6.0139,
16.2254

232.4693,
240.6458, 351.8620

■ 2.9104, 2.8536,
9.5277

280.0077,

■ 1.1066, 1.0558,

290.1400, 417.0712

4.9855

333.6216,
345.9940, 489.8769

■ 0.0306, 0.0000,
2.1801

■ 0.0000, 0.0000,
0.6629

■ 54.3651, 55.7085,
96.6944

■ 54.3651, 55.7085,
96.6944

■ 45.6786, 45.7932,
95.2393

■ 64.5153, 67.0341,
98.3464

■ 38.3794, 37.2233,
93.9699

■ 76.1895, 79.8180,
100.1987

■ 32.3924, 29.9385,
92.8793

■ 89.4513, 94.1140,
102.2591

■ 27.6323, 23.8705,
91.9590

■ 93.9435, 99.5574,
103.0730

■ 24.0032, 18.9439,
91.1993

■ 21.3926, 15.0731,
90.5898

■ 19.6278, 12.1386,
90.1164

■ 19.6033, 12.0971,
90.1097

Harmonies

Analogous

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



48.9282, 55.7085, 93.8699



54.3651, 55.7085, 96.6944



59.7819, 55.7085, 88.5945

Triad

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



54.3651, 55.7085, 96.6944



61.9701, 55.7085, 43.7470



43.6046, 55.7085, 49.5879

Complementary

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



54.3651, 55.7085, 96.6944



73.2775, 76.8636, 51.0202

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.



46.6582, 55.7085, 39.3130



54.3651, 55.7085, 96.6944



57.1848, 55.7085, 36.3791

Square

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



54.3651, 55.7085, 96.6944



64.3696, 55.7085, 56.7260



51.5582, 55.7085, 34.9127



42.9665, 55.7085, 64.7658

Rectangle

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



54.3651, 55.7085, 96.6944



62.5667, 55.7085, 78.8078



51.5582, 55.7085, 34.9127



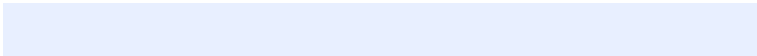
44.3716, 55.7085, 45.5320

Sweetspot

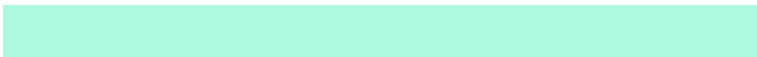
The Sweet Spot groups the original color and five complimentary colors.



54.3669, 55.7107, 96.6957



82.2652, 86.2247, 106.9149



64.5559, 81.5473, 83.2637



17.1937, 18.0056, 22.8192



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.



54.3669, 55.7107, 96.6957



51.9865, 52.6101, 102.0225



52.7133, 47.6876, 95.2342



16.7231, 17.5231, 21.8862



10.6989, 6.7535, 48.7132



1.0810, 0.8056, 4.5417

Inverse Universe

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



63.9270, 54.2615, 59.9298



63.8577, 51.3194, 56.2547



75.2827, 87.7578, 53.0173



17.4668, 17.3141, 19.0479



21.6924, 11.0927, 5.0884



2.0545, 1.0456, 0.7106

Previews

White Background



This preview shows how the XYZ color 54.3651, 55.7085, 96.6944 looks on a white background.

Color Contrast Check

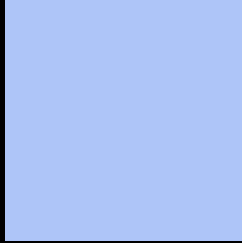
Large Text (above 18pt) WCAG AA × Fail

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 54.3651, 55.7085, 96.6944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

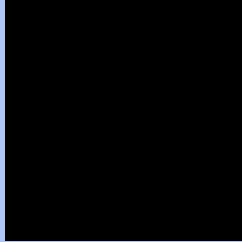
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.3651, 55.7085, 96.6944

Background



This preview shows how black text looks on a background with the XYZ color 54.3651, 55.7085, 96.6944.



This preview shows how white text looks on a background with the XYZ color 54.3651, 55.7085,

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

54.3651, 55.7085, 96.6944

Protanopia

55.6935, 55.4277, 94.9520

Deuteranopia

56.9079, 55.6708, 97.3687



Tritanopia

49.9239, 55.6278, 74.4356

Trichromacy



Original Color

54.3651, 55.7085, 96.6944

Protanomaly

55.1260, 55.4489, 95.7929

Deuteranomaly

55.9191, 55.4904, 97.3860

Tritanomaly

51.3747, 55.5117, 82.1358

Monochromacy



Original Color

54.3651, 55.7085, 96.6944

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.7447, 55.0775, 72.1411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3651, 55.7085, 96.6944 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(174, 197, 248)` looks like.

```
.text, #text, p{  
    color:rgb(174, 197, 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(174, 197, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 197, 248) }
```

Border

The CSS property to change the border of an element to XYZ 54.3651, 55.7085, 96.6944 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(174, 197, 248) }
```


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

```
.border{ border-color:rgb(174, 197, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 197, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 197, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 197, 248);  
box-shadow:4px 4px 4px 4px rgb(174, 197,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3651, 55.7085, 96.6944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 197, 248) }
```

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

```
.background{ background-color: rgb(174,  
197, 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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