

Converting Colors

XYZ(54.3882, 56.5553, 89.2084)

Have a look what the booklet for
XYZ(54.3882, 56.5553, 89.2084)
contains.

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Color

**XYZ(54.4464, 56.6036,
88.9449)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C7EE
RGB	179, 199, 238
RGB Percent	70%, 78%, 93%
CMY	0.2980, 0.2196, 0.0667
CMYK	0.25, 0.16, 0.00, 0.07
HSL	220°, 63%, 82%
HSV	220°, 25%, 93%
XYZ	54.4464, 56.6036, 88.9449
YIQ	197.4660, -24.4390, 7.8890

Conversions

Conversions Part 2

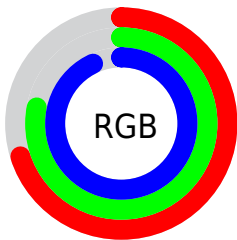
Format	Color
R _Y B	179, 194, 238
Decimal	11782126
CIE Lab	79.96, 1.65, -21.52
CIE LCh	80, 21.582, 274.384
Yxy	56.6036, 0.2722, 0.2830
Android (android.graphics.Color)	4289972206 (0xFFB3C7EE)
YUV	197.4660, 19.9833, -16.1947
Hunter-Lab	75.2354, -2.4848, -17.4292

Details

The XYZ color **54.4464, 56.6036, 88.9449** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.4686, 71.5748, 52.8558**, and the grayscale version is **53.2475, 56.0205, 61.0063**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **27.0263, 27.9882, 48.2338** is the 20% darker color. If you saturate the color by 10%, you get **45.9790, 47.1413, 87.5657**, and if you desaturate by 10%, it is **64.2409, 67.3083, 90.4958**.

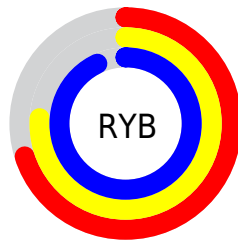
Distribution



Red (70%)

Green (78%)

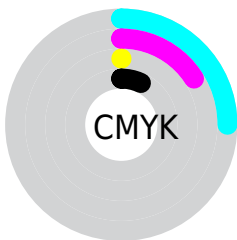
Blue (93%)



Red (70%)

Yellow (76%)

Blue (93%)

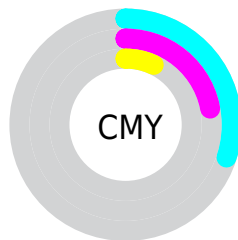


Cyan (25%)

Magenta (16%)

Yellow (0%)

Black (7%)



Cyan (30%)

Magenta (22%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4464, 56.6036, 88.9449 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 54.4464, 56.6036, 88.9449 by changing the saturation by 10% instead.

■ 54.4464, 56.6036,
88.9449

■ 54.4464, 56.6036,
88.9449

393.9806,
411.9623, 545.0739

■ 39.1908, 40.6871,
66.5371

■ 95.8824, 99.8866,
147.7946

■ 27.0895, 28.0746,
48.2493

122.7935,
128.0218, 185.0736

■ 17.7774, 18.3819,
33.6630

154.3205,
160.9987, 228.1468

■ 10.8890, 11.2245,
22.3595

190.8287,
199.2017, 277.4327

■ 6.0590, 6.2181,
13.9205

232.6834,
243.0151, 333.3498

■ 2.9220, 2.9781,
7.9273

280.2501,

■ 1.1126, 1.1203,

292.8234, 396.3167

3.9613

333.8940,
349.0110, 466.7519

■ 0.0357, 0.0000,
1.6042

■ 0.0000, 0.0000,
0.2938

■ 54.4464, 56.6036,
88.9449

■ 54.4464, 56.6036,
88.9449

■ 45.9790, 47.1413,
87.5657

■ 64.2409, 67.3083,
90.4958

■ 38.7734, 38.8667,
86.3483

■ 75.4132, 79.2935,
92.2204

■ 32.7662, 31.7311,
85.2876

■ 88.0179, 92.6040,
94.1252

■ 27.8864, 25.6792,
84.3767

■ 92.4328, 98.9531,
95.1180

■ 24.0546, 20.6503,
83.6080

■ 21.1799, 16.5768,
82.9732

■ 19.1528, 13.3796,
82.4630

■ 18.3520, 12.0115,
82.2411

Harmonies

Analogous

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



50.2404, 56.6036, 86.0397



54.4464, 56.6036, 88.9449



58.6978, 56.6036, 83.7571

Triad

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



54.4464, 56.6036, 88.9449



61.0541, 56.6036, 48.9891



46.5575, 56.6036, 51.7808

Complementary

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



54.4464, 56.6036, 88.9449



68.4686, 71.5748, 52.8558

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.



49.1826, 56.6036, 43.7923



54.4464, 56.6036, 88.9449



57.5239, 56.6036, 42.3404

Square

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



54.4464, 56.6036, 88.9449



62.6419, 56.6036, 59.8062



53.1588, 56.6036, 40.5748



45.8320, 56.6036, 63.4940

Rectangle

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



54.4464, 56.6036, 88.9449



60.9412, 56.6036, 76.7720



53.1588, 56.6036, 40.5748



47.2398, 56.6036, 48.6255

Sweetspot

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



54.4482, 56.6059, 88.9462



85.1361, 89.4722, 107.3904



61.7361, 75.7619, 77.2554



18.0479, 18.9641, 22.9592



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.



54.4482, 56.6059, 88.9462



58.2214, 60.1369, 103.1467



52.2561, 49.0870, 87.6104



15.3352, 16.1046, 20.0219



10.3457, 6.9157, 45.9175



0.9494, 0.7529, 3.8495

Inverse Universe

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



61.6902, 54.5423, 61.3116



68.2114, 57.6807, 64.9389



71.0733, 81.0875, 54.5547



15.9939, 15.8473, 17.5241



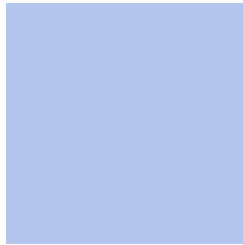
20.5477, 10.4915, 5.5346



1.7542, 0.8907, 0.6964

Previews

White Background



This preview shows how the XYZ color 54.4464, 56.6036, 88.9449 looks on a white background.

Color Contrast Check

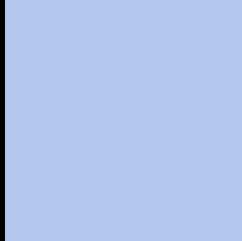
Large Text (above 18pt) WCAG AA × Fail

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 54.4464, 56.6036, 88.9449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

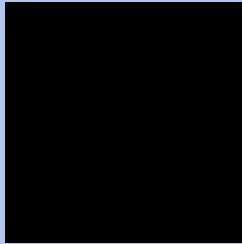
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

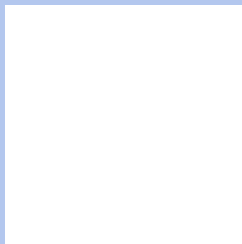
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.4464, 56.6036, 88.9449

Background



This preview shows how black text looks on a background with the XYZ color 54.4464, 56.6036, 88.9449.



This preview shows how white text looks on a background with the XYZ color 54.4464, 56.6036,

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

54.4464, 56.6036, 88.9449

Protanopia

56.1155, 56.4831, 87.3016

Deuteranopia

57.8977, 56.6859, 89.5513



Tritanopia

51.4546, 56.4170, 74.5073

Trichromacy



Original Color

54.4464, 56.6036, 88.9449

Protanomaly

55.5020, 56.4860, 88.0984

Deuteranomaly

56.5551, 56.6590, 89.6169

Tritanomaly

52.3817, 56.4396, 79.3673

Monochromacy



Original Color

54.4464, 56.6036, 88.9449

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.3130, 56.0888, 70.3037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4464, 56.6036, 88.9449 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(179, 199, 238)` looks like.

```
.text, #text, p{  
    color:rgb(179, 199, 238)  
}
```

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(179, 199, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 199, 238) }
```

Border

The CSS property to change the border of an element to XYZ 54.4464, 56.6036, 88.9449 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(179, 199, 238) }
```


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

```
.border{ border-color:rgb(179, 199, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 199, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 199, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 199, 238);  
box-shadow:4px 4px 4px 4px rgb(179, 199,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4464, 56.6036, 88.9449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 199, 238) }
```

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

```
.background{ background-color: rgb(179,  
199, 238) }
```

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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