

Converting Colors

XYZ(53.7868, 55.5254, 88.4774)

Have a look what the booklet for
XYZ(53.7868, 55.5254, 88.4774)
contains.

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Color

**XYZ(53.9893, 55.6893,
88.7925)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C5EE
RGB	179, 197, 238
RGB Percent	70%, 77%, 93%
CMY	0.2980, 0.2274, 0.0667
CMYK	0.25, 0.17, 0.00, 0.07
HSL	222°, 63%, 82%
HSV	222°, 25%, 93%
XYZ	53.9893, 55.6893, 88.7925
YIQ	196.2920, -23.8890, 8.9350

Conversions

Conversions Part 2

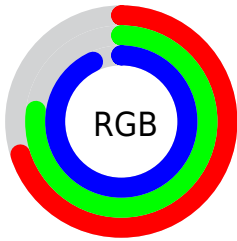
Format	Color
RYB	179, 193, 238
Decimal	11781614
CIELab	79.44, 2.72, -22.31
CIELCh	79, 22.474, 276.961
Yxy	55.6893, 0.2720, 0.2806
Android (android.graphics.Color)	4289971694 (0xFFB3C5EE)
YUV	196.2920, 20.5620, -15.1651
Hunter-Lab	74.6253, -1.4544, -18.3082

Details

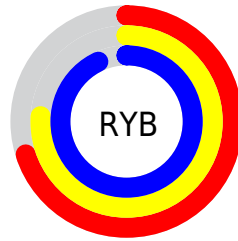
The XYZ color **53.9893, 55.6893, 88.7925** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **68.9905, 72.6185, 53.0299**, and the grayscale version is **52.5367, 55.2727, 60.1920**.

A 20% lighter version of the original color is **88.0839, 95.9365, 108.4828**, and **26.7234, 27.3823, 48.1328** is the 20% darker color. If you saturate the color by 10%, you get **45.4048, 45.9926, 87.3742**, and if you desaturate by 10%, it is **63.9387, 66.7039, 90.3951**.

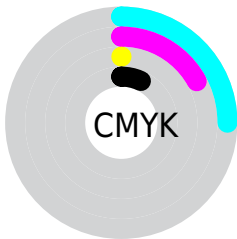
Distribution



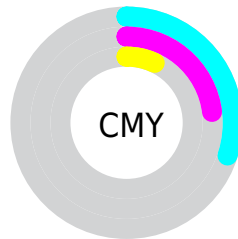
- Red (70%)
- Green (77%)
- Blue (93%)



- Red (70%)
- Yellow (76%)
- Blue (93%)



- Cyan (25%)
- Magenta (17%)
- Yellow (0%)
- Black (7%)



- Cyan (30%)
- Magenta (23%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9893, 55.6893, 88.7925 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 53.9893, 55.6893, 88.7925 by changing the saturation by 10% instead.

■ 53.9893, 55.6893,
88.7925

■ 53.9893, 55.6893,
88.7925

392.2682,
408.5195, 544.5634

■ 38.8237, 39.9539,
66.4115

■ 95.2155, 98.5502,
147.5808

■ 26.8027, 27.5026,
48.1480

122.0069,
126.4444, 184.8252

■ 17.5610, 17.9510,
33.5832

153.4043,
159.1603, 227.8612

■ 10.7330, 10.9148,
22.2989

189.7729,
197.0823, 277.1073

■ 5.9536, 6.0096,
13.8762

231.4783,
240.5949, 332.9820

■ 2.8573, 2.8509,
7.8969

278.8858,

■ 1.0787, 1.0544,

290.0824, 395.9039

3.9422

332.3606,
345.9291, 466.2915

■ 0.0072, 0.0000,
1.5937

■ 0.0000, 0.0000,
0.2863

■ 53.9893, 55.6893,
88.7925

■ 53.9893, 55.6893,
88.7925

■ 45.4048, 45.9926,
87.3742

■ 63.9387, 66.7039,
90.3951

■ 38.1178, 37.5556,
86.1298

■ 75.3056, 79.0782,
92.1844

■ 32.0632, 30.3250,
85.0533

■ 88.1462, 92.8606,
94.1679

■ 27.1675, 24.2413,
84.1370

■ 92.4328, 98.9531,
95.1180

■ 23.3490, 19.2390,
83.3727

■ 20.5140, 15.2449,
82.7512

■ 18.5501, 12.1741,
82.2620

■ 17.7903, 10.8881,
82.0538

Harmonies

Analogous

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



49.6080, 55.6893, 86.4933



53.9893, 55.6893, 88.7925



58.3203, 55.6893, 82.7338

Triad

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



53.9893, 55.6893, 88.7925



60.1699, 55.6893, 46.8910



45.3425, 55.6893, 51.4233

Complementary

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



53.9893, 55.6893, 88.7925



68.9905, 72.6185, 53.0299

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.



47.8844, 55.6893, 42.8716



53.9893, 55.6893, 88.7925



56.3992, 55.6893, 40.5262

Square

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



53.9893, 55.6893, 88.7925



62.0176, 55.6893, 57.6749



51.8866, 55.6893, 39.1668



44.7784, 55.6893, 63.6972

Rectangle

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



53.9893, 55.6893, 88.7925



60.5415, 55.6893, 75.2157



51.8866, 55.6893, 39.1668



45.9867, 55.6893, 48.0740

Sweetspot

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



53.9911, 55.6915, 88.7938



84.9551, 89.1102, 107.3301



61.9941, 75.8651, 78.6138



18.0061, 18.8804, 22.9452



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.



53.9911, 55.6915, 88.7938



57.6083, 58.9108, 102.9424



52.7436, 49.3384, 87.6332



15.2905, 16.0152, 20.0070



10.0249, 6.2741, 45.8105



0.9185, 0.6910, 3.8392

Inverse Universe

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



61.4595, 54.4501, 60.0964



67.9019, 57.5569, 63.3094



70.4488, 80.7655, 54.5256



15.9713, 15.8382, 17.4053



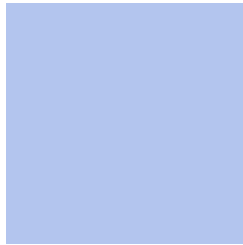
20.3857, 10.4267, 4.6819



1.7386, 0.8845, 0.6142

Previews

White Background



This preview shows how the XYZ color 53.9893, 55.6893, 88.7925 looks on a white background.

Color Contrast Check

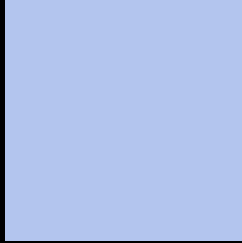
Large Text (above 18pt) WCAG AA × Fail

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 53.9893, 55.6893, 88.7925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

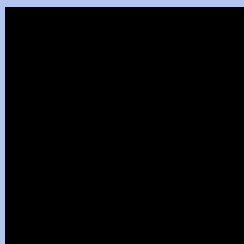
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9893, 55.6893, 88.7925

Background



This preview shows how black text looks on a background with the XYZ color 53.9893, 55.6893, 88.7925.



This preview shows how white text looks on a background with the XYZ color 53.9893, 55.6893,

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

53.9893, 55.6893, 88.7925

Protanopia

55.3945, 55.7777, 87.2035

Deuteranopia

56.6778, 55.4006, 89.3675



Tritanopia

51.0902, 55.8970, 73.7421

Trichromacy



Original Color

53.9893, 55.6893, 88.7925

Protanomaly

55.0336, 55.9086, 88.0116

Deuteranomaly

55.8580, 55.6344, 89.4558

Tritanomaly

52.1494, 55.9749, 79.2898

Monochromacy



Original Color

53.9893, 55.6893, 88.7925

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.7330, 55.1302, 69.4899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9893, 55.6893, 88.7925 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, 197, 238)` looks like.

```
.text, #text, p{  
    color:rgb(179, 197, 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, 197, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 197, 238) }
```

Border

The CSS property to change the border of an element to XYZ 53.9893, 55.6893, 88.7925 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, 197, 238) }
```


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

```
.border{ border-color:rgb(179, 197, 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, 197, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 197, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 197, 238);  
box-shadow:4px 4px 4px 4px rgb(179, 197,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9893, 55.6893, 88.7925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 197, 238) }
```

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

```
.background{ background-color: rgb(179,  
197, 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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