

Converting Colors

XYZ(55.5933, 62.2989, 85.4387)

Have a look what the booklet for
XYZ(55.5933, 62.2989, 85.4387)
contains.

XYZ(55.5933, 62.2989, 85.4387)	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(55.5933, 62.2989,
85.4387)**

Conversions

Conversions Part 1

Format	Color
Hex	ADD5E8
RGB	173, 213, 232
RGB Percent	68%, 84%, 91%
CMY	0.3216, 0.1647, 0.0902
CMYK	0.25, 0.08, 0.00, 0.09
HSL	199°, 56%, 79%
HSV	199°, 25%, 91%
XYZ	55.5933, 62.2989, 85.4387
YIQ	203.2060, -29.9390, -2.5710

Conversions

Conversions Part 2

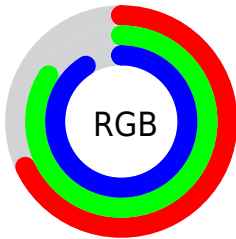
Format	Color
RYB	173, 197, 232
Decimal	11392488
CIELab	83.07, -8.89, -13.66
CIELCh	83, 16.293, 236.951
Yxy	62.2989, 0.2734, 0.3064
Android (android.graphics.Color)	4289582568 (0xFFADD5E8)
YUV	203.2060, 14.1954, -26.4907
Hunter-Lab	78.9297, -12.4022, -8.9287

Details

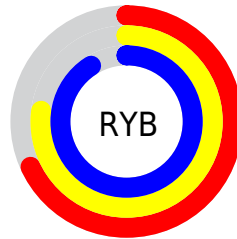
The XYZ color **55.5933, 62.2989, 85.4387** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.6719, 57.8726, 47.5621**, and the grayscale version is **56.8227, 59.7819, 65.1025**.

A 20% lighter version of the original color is **86.1231, 95.3980, 108.4822**, and **27.6711, 31.5102, 45.6980** is the 20% darker color. If you saturate the color by 10%, you get **49.0663, 56.2101, 84.6085**, and if you desaturate by 10%, it is **63.1014, 69.0251, 86.3423**.

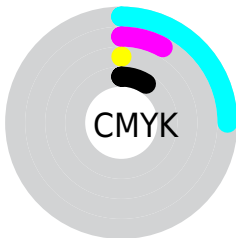
Distribution



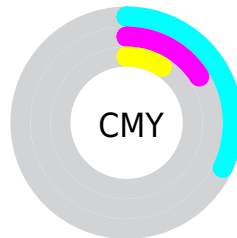
- Red (68%)
- Green (84%)
- Blue (91%)



- Red (68%)
- Yellow (77%)
- Blue (91%)



- Cyan (25%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (32%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5933, 62.2989, 85.4387 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 55.5933, 62.2989, 85.4387 by changing the saturation by 10% instead.

■ 55.5933, 62.2989,
85.4387

■ 55.5933, 62.2989,
85.4387

398.2569,
433.0205, 533.2610

■ 40.1127, 45.2743,
63.6517

■ 97.5530, 108.1574,
142.8655

■ 27.8110, 31.6735,
45.9242

124.7627,
137.7601, 179.3425

■ 18.3230, 21.1122,
31.8378

156.6128,
172.3242, 221.5531

■ 11.2832, 13.2061,
20.9739

193.4687,
212.2342, 269.9160

■ 6.3263, 7.5706,
12.9138

235.6957,
257.8744, 324.8497

■ 3.0871, 3.8214,
7.2392

283.6592,

■ 1.2000, 1.5742,

309.6293, 386.7727

3.5314

337.7245,
367.8832, 456.1036

■ 0.1063, 0.3401,
1.3720

■ 0.0000, 0.0000,
0.1197

■ 55.5933, 62.2989,
85.4387

■ 55.5933, 62.2989,
85.4387

■ 49.0663, 56.2101,
84.6085

■ 63.1014, 69.0251,
86.3423

■ 43.4676, 50.7250,
83.8449

■ 71.6287, 76.4054,
87.3174

■ 38.7477, 45.8181,
83.1465

■ 81.2184, 84.4651,
88.3677

■ 34.8499, 41.4582,
82.5104

■ 87.8220, 91.1189,
89.3039

■ 31.7104, 37.6108,
81.9332

■ 90.1019, 95.6788,
90.0639

■ 29.2551, 34.2356,
81.4111

■ 91.5657, 98.6063,
90.5518

■ 27.3930, 31.2839,
80.9395

■ 26.6731, 30.0412,
80.7376

Harmonies

Analogous

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



53.3747, 62.2989, 77.0162



55.5933, 62.2989, 85.4387



58.8534, 62.2989, 89.1213

Triad

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



55.5933, 62.2989, 85.4387



66.2425, 62.2989, 68.8707



56.1942, 62.2989, 51.9596

Complementary

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



55.5933, 62.2989, 85.4387



59.6719, 57.8726, 47.5621

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.



59.5745, 62.2989, 50.2371



55.5933, 62.2989, 85.4387



65.4627, 62.2989, 59.4103

Square

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



55.5933, 62.2989, 85.4387



65.0780, 62.2989, 78.9791



62.9870, 62.2989, 52.8288



53.7119, 62.2989, 57.7881

Rectangle

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



55.5933, 62.2989, 85.4387



61.2113, 62.2989, 88.1462



62.9870, 62.2989, 52.8288



57.2591, 62.2989, 50.9079

Sweetspot

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



55.5952, 62.3014, 85.4401



85.8792, 92.2145, 107.8806



55.5708, 70.3904, 60.3446



18.0328, 19.4373, 23.0513



0.0000, 0.0000, 0.0000



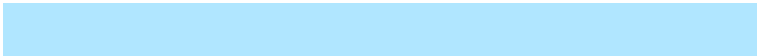
20.3446, 21.4041, 23.3091

Same Dimension

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



55.5952, 62.3014, 85.4401



64.1139, 72.7857, 105.2776



48.9029, 48.9168, 83.2093



14.3957, 15.5128, 18.3799



14.9265, 16.9150, 44.8614



1.1862, 1.4164, 3.3428

Inverse Universe

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



60.2340, 51.8486, 69.7866



70.9748, 57.9788, 81.9795



66.7276, 71.9839, 49.9140



14.7873, 14.5321, 17.0804



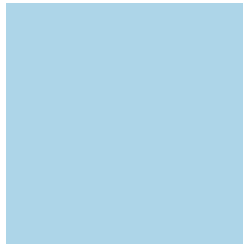
21.9277, 10.9053, 19.0461



1.6624, 0.8227, 1.6286

Previews

White Background



This preview shows how the XYZ color 55.5933, 62.2989, 85.4387 looks on a white background.

Color Contrast Check

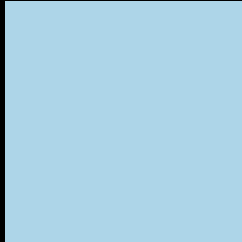
Large Text (above 18pt) WCAG AA × Fail

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 55.5933, 62.2989, 85.4387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

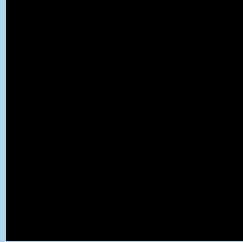
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5933, 62.2989, 85.4387

Background



This preview shows how black text looks on a background with the XYZ color 55.5933, 62.2989, 85.4387.



This preview shows how white text looks on a background with the XYZ color 55.5933, 62.2989,

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

55.5933, 62.2989, 85.4387

Protanopia

60.5983, 62.0461, 81.4553

Deuteranopia

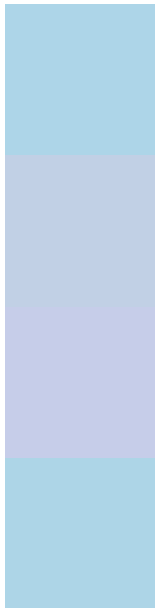
63.1785, 61.8599, 86.4522



Tritanopia

55.3108, 62.1859, 83.9508

Trichromacy



Original Color

55.5933, 62.2989, 85.4387

Protanomaly

58.6911, 62.1063, 83.0231

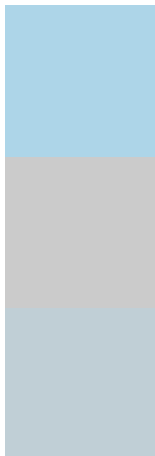
Deuteranomaly

59.8280, 61.5516, 85.8182

Tritanomaly

55.4516, 62.2423, 84.6927

Monochromacy



Original Color

55.5933, 62.2989, 85.4387

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.1887, 60.6872, 72.3707

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5933, 62.2989, 85.4387 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(173, 213, 232)` looks like.

```
.text, #text, p{  
    color:rgb(173, 213, 232)  
}
```

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(173, 213, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 213, 232) }
```

Border

The CSS property to change the border of an element to XYZ 55.5933, 62.2989, 85.4387 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(173, 213, 232) }
```


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

```
.border{ border-color:rgb(173, 213, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 213, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 213, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 213, 232);  
box-shadow:4px 4px 4px 4px rgb(173, 213,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5933, 62.2989, 85.4387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 213, 232) }
```

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

```
.background{ background-color: rgb(173,  
213, 232) }
```

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