

Converting Colors

XYZ(55.5576, 61.1070, 85.4214)

Have a look what the booklet for
XYZ(55.5576, 61.1070, 85.4214)
contains.

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Color

**XYZ(55.5166, 61.1495,
85.2209)**

Conversions

Conversions Part 1

Format	Color
Hex	B0D2E8
RGB	176, 210, 232
RGB Percent	69%, 82%, 91%
CMY	0.3098, 0.1765, 0.0902
CMYK	0.24, 0.09, 0.00, 0.09
HSL	204°, 55%, 80%
HSV	204°, 24%, 91%
XYZ	55.5166, 61.1495, 85.2209
YIQ	202.3420, -27.3260, -0.3660

Conversions

Conversions Part 2

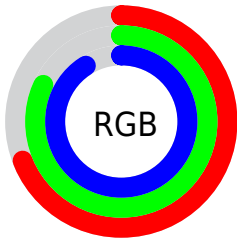
Format	Color
R_{YB}	176, 197, 232
Decimal	11588328
CIE Lab	82.46, -6.44, -14.56
CIE LCh	82, 15.916, 246.150
Yxy	61.1495, 0.2750, 0.3029
Android (android.graphics.Color)	4289778408 (0xFFB0D2E8)
YUV	202.3420, 14.6214, -23.1019
Hunter-Lab	78.1981, -10.1211, -9.8760

Details

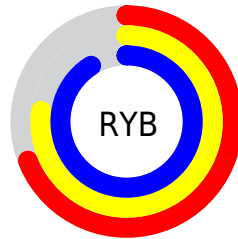
The XYZ color **55.5166, 61.1495, 85.2209** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **61.3100, 60.6789, 49.5566**, and the grayscale version is **56.2778, 59.2086, 64.4782**.

A 20% lighter version of the original color is **87.0887, 95.8958, 108.5274**, and **27.7510, 31.0491, 45.6047** is the 20% darker color. If you saturate the color by 10%, you get **48.5265, 54.3018, 84.2686**, and if you desaturate by 10%, it is **63.5350, 68.7206, 86.2607**.

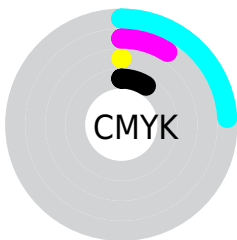
Distribution



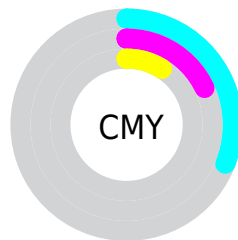
- Red (69%)
- Green (82%)
- Blue (91%)



- Red (69%)
- Yellow (77%)
- Blue (91%)



- Cyan (24%)
- Magenta (9%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5166, 61.1495, 85.2209 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 55.5166, 61.1495, 85.2209 by changing the saturation by 10% instead.

■ 55.5166, 61.1495,
85.2209

■ 55.5166, 61.1495,
85.2209

397.9718,
428.8219, 532.5224

■ 40.0510, 44.3458,
63.4727

■ 97.4414, 106.4954,
142.5587

■ 27.7627, 30.9425,
45.7803

124.6312,
135.8064, 178.9853

■ 18.2864, 20.5551,
31.7251

156.4598,
170.0552, 221.1419

■ 11.2567, 12.7992,
20.8885

193.2925,
209.6264, 269.4469

■ 6.3083, 7.2904,
12.8521

235.4947,
254.9043, 324.3190

■ 3.0759, 3.6444,
7.1972

283.4318,

■ 1.1940, 1.4767,

306.2732, 386.1765

3.5054

337.4690,
364.1177, 455.4381

■ 0.1016, 0.2722,
1.3582

■ 0.0000, 0.0000,
0.1088

■ 55.5166, 61.1495,
85.2209

■ 55.5166, 61.1495,
85.2209

■ 48.5265, 54.3018,
84.2686

■ 63.5350, 68.7206,
86.2607

■ 42.5115, 48.1423,
83.3967

■ 72.6205, 77.0336,
87.3864

■ 37.4217, 42.6437,
82.6036

■ 82.8167, 86.1154,
88.6019

■ 33.2002, 37.7732,
81.8860

■ 88.9009, 93.2767,
89.6635

■ 29.7831, 33.4947,
81.2403

■ 91.5657, 98.6063,
90.5518

■ 27.0968, 29.7665,
80.6623

■ 25.0520, 26.5392,
80.1471

■ 24.0710, 24.8369,
79.8702

Harmonies

Analogous

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



52.9988, 61.1495, 78.2514



55.5166, 61.1495, 85.2209



58.8242, 61.1495, 86.9912

Triad

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



55.5166, 61.1495, 85.2209



64.8678, 61.1495, 64.5950



54.3480, 61.1495, 52.5752

Complementary

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



55.5166, 61.1495, 85.2209



61.3100, 60.6789, 49.5566

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.



57.4230, 61.1495, 49.6432



55.5166, 61.1495, 85.2209



63.5625, 61.1495, 56.1335

Square

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



55.5166, 61.1495, 85.2209



64.3091, 61.1495, 74.4445



60.8051, 61.1495, 50.8796



52.3427, 61.1495, 59.2925

Rectangle

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



55.5166, 61.1495, 85.2209



61.0507, 61.1495, 84.8468



60.8051, 61.1495, 50.8796



55.2861, 61.1495, 51.1457

Sweetspot

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



55.5185, 61.1520, 85.2223



86.5889, 92.3779, 107.8747



56.8940, 70.9972, 63.8107



18.3842, 19.6367, 23.0713



0.0000, 0.0000, 0.0000



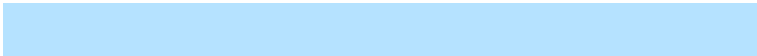
20.3446, 21.4041, 23.3091

Same Dimension

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



55.5185, 61.1520, 85.2223



64.3009, 71.4160, 105.0034



49.3088, 48.7326, 83.1524



14.3074, 15.3362, 18.3504



13.4892, 14.0404, 44.3823



1.0866, 1.2172, 3.3096

Inverse Universe

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



60.4384, 52.8612, 67.9933



71.4948, 59.8164, 79.6939



68.1679, 74.3946, 51.8426



14.7427, 14.5143, 16.8457



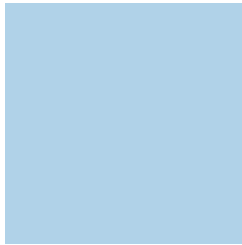
21.2022, 10.6151, 15.2257



1.6121, 0.8026, 1.3639

Previews

White Background



This preview shows how the XYZ color 55.5166, 61.1495, 85.2209 looks on a white background.

Color Contrast Check

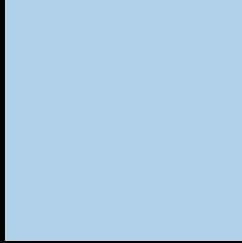
Large Text (above 18pt) WCAG AA × Fail

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 55.5166, 61.1495, 85.2209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

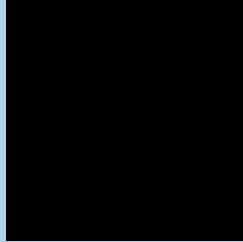
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

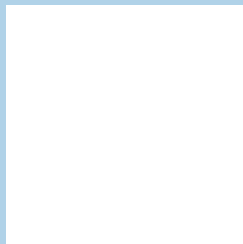
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5166, 61.1495, 85.2209

Background



This preview shows how black text looks on a background with the XYZ color 55.5166, 61.1495, 85.2209.



This preview shows how white text looks on a background with the XYZ color 55.5166, 61.1495,

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

55.5166, 61.1495, 85.2209

Protanopia

59.7166, 60.8699, 82.0004

Deuteranopia

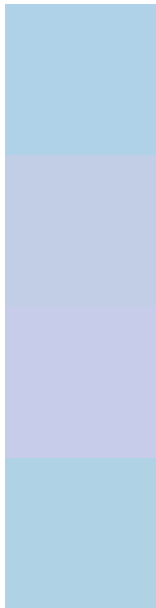
62.3695, 61.0980, 86.3478



Tritanopia

54.9771, 61.3039, 82.3340

Trichromacy



Original Color

55.5166, 61.1495, 85.2209

Protanomaly

58.2065, 61.1372, 82.8616

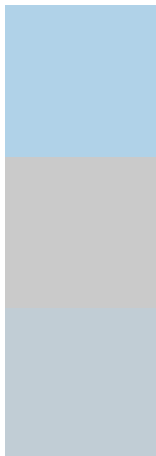
Deuteranomaly

59.5895, 61.0747, 85.7387

Tritanomaly

55.1163, 61.3596, 83.0674

Monochromacy



Original Color

55.5166, 61.1495, 85.2209

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.8339, 59.8042, 71.5514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5166, 61.1495, 85.2209 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(176, 210, 232)` looks like.

```
.text, #text, p{  
    color:rgb(176, 210, 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(176, 210, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 210, 232) }
```

Border

The CSS property to change the border of an element to XYZ 55.5166, 61.1495, 85.2209 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(176, 210, 232) }
```


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

```
.border{ border-color:rgb(176, 210, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 210, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 210, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 210, 232);  
box-shadow:4px 4px 4px 4px rgb(176, 210,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5166, 61.1495, 85.2209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 210, 232) }
```

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

```
.background{ background-color: rgb(176,  
210, 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](#).

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