

Converting Colors

XYZ(55.9881, 61.8946, 84.0273)

Have a look what the booklet for
XYZ(55.9881, 61.8946, 84.0273)
contains.

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Color

**XYZ(55.9373, 61.7667,
83.8369)**

Conversions

Conversions Part 1

Format	Color
Hex	B2D3E6
RGB	178, 211, 230
RGB Percent	70%, 83%, 90%
CMY	0.3020, 0.1725, 0.0980
CMYK	0.23, 0.08, 0.00, 0.10
HSL	202°, 51%, 80%
HSV	202°, 23%, 90%
XYZ	55.9373, 61.7667, 83.8369
YIQ	203.2990, -25.7670, -1.0870

Conversions

Conversions Part 2

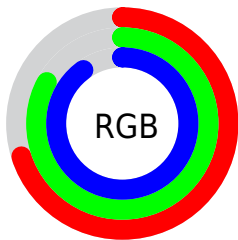
Format	Color
R _Y B	178, 198, 230
Decimal	11719654
CIE Lab	82.79, -6.81, -12.98
CIE LCh	83, 14.660, 242.340
Yxy	61.7667, 0.2775, 0.3065
Android (android.graphics.Color)	4289909734 (0xFFB2D3E6)
YUV	203.2990, 13.1636, -22.1872
Hunter-Lab	78.5918, -10.4892, -8.2327

Details

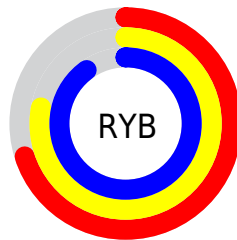
The XYZ color **55.9373, 61.7667, 83.8369** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.6359, 59.9701, 50.5004**, and the grayscale version is **56.8856, 59.8480, 65.1745**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **28.0091, 31.4550, 44.6396** is the 20% darker color. If you saturate the color by 10%, you get **49.0631, 55.2059, 82.9339**, and if you desaturate by 10%, it is **63.8091, 69.0069, 84.8205**.

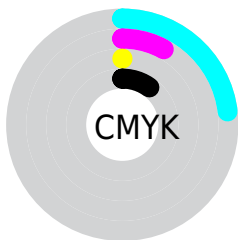
Distribution



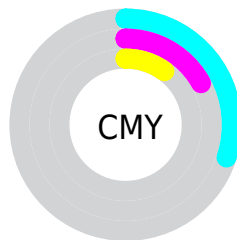
- Red (70%)
- Green (83%)
- Blue (90%)



- Red (70%)
- Yellow (78%)
- Blue (90%)



- Cyan (23%)
- Magenta (8%)
- Yellow (0%)
- Black (10%)



- Cyan (30%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9373, 61.7667, 83.8369 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 55.9373, 61.7667, 83.8369 by changing the saturation by 10% instead.

■ 55.9373, 61.7667,
83.8369

■ 55.9373, 61.7667,
83.8369

399.5340,
431.0796, 527.8154

■ 40.3895, 44.8442,
62.3362

■ 98.0532, 107.3883,
140.6067

■ 28.0279, 31.3347,
44.8668

125.3520,
136.8562, 176.7128

■ 18.4872, 20.8539,
31.0104

157.2986,
171.2746, 218.5246

■ 11.4022, 13.0172,
20.3482

194.2581,
211.0281, 266.4604

■ 6.4073, 7.4404,
12.4618

236.5961,
256.5009, 320.9388

■ 3.1373, 3.7390,
6.9327

284.6778,

■ 1.2268, 1.5287,

308.0775, 382.3784

3.3422

338.8687,
366.1423, 451.1978

■ 0.1274, 0.3088,
1.2719

■ 0.0000, 0.0000,
0.0386

■ 55.9373, 61.7667,
83.8369

■ 55.9373, 61.7667,
83.8369

■ 49.0631, 55.2059,
82.9339

■ 63.8091, 69.0069,
84.8205

■ 43.1352, 49.2910,
82.1046

■ 72.7156, 76.9433,
85.8830

■ 38.1060, 43.9965,
81.3477

■ 82.6987, 85.6014,
87.0280

■ 33.9210, 39.2916,
80.6602

■ 88.0593, 92.0457,
87.9893

■ 30.5193, 35.1424,
80.0386

■ 90.6542, 97.2354,
88.8543

■ 27.8312, 31.5102,
79.4792

■ 91.2831, 98.4933,
89.0639

■ 25.7725, 28.3489,
78.9775

■ 24.5579, 26.2628,
78.6388

Harmonies

Analogous

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



53.7319, 61.7667, 76.9774



55.9373, 61.7667, 83.8369



58.9553, 61.7667, 86.1396

Triad

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



55.9373, 61.7667, 83.8369



64.9767, 61.7667, 66.5468



55.5231, 61.7667, 53.6225

Complementary

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



55.9373, 61.7667, 83.8369



60.6359, 59.9701, 50.5004

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.



58.4602, 61.7667, 51.3517



55.9373, 61.7667, 83.8369



63.9809, 61.7667, 58.3849

Square

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



55.9373, 61.7667, 83.8369



64.2435, 61.7667, 75.6413



61.5675, 61.7667, 53.0151



53.4989, 61.7667, 59.5097

Rectangle

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



55.9373, 61.7667, 83.8369



61.0425, 61.7667, 84.6283



61.5675, 61.7667, 53.0151



56.4326, 61.7667, 52.4360

Sweetspot

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



55.9392, 61.7692, 83.8383



86.7399, 92.6799, 107.9251



56.6447, 70.0544, 62.8817



18.4192, 19.7067, 23.0829



0.0000, 0.0000, 0.0000



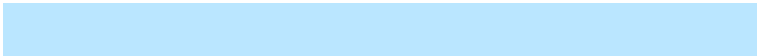
20.3446, 21.4041, 23.3091

Same Dimension

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



55.9392, 61.7692, 83.8383



66.5903, 74.1861, 105.4174



50.1611, 50.2132, 81.9123



14.3416, 15.4045, 18.3618



14.0234, 15.1089, 44.5604



1.1240, 1.2920, 3.3221

Inverse Universe

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



60.3129, 53.3684, 68.7531



73.0919, 62.1456, 82.8929



66.8446, 72.3874, 52.5699



14.7600, 14.5212, 16.9365



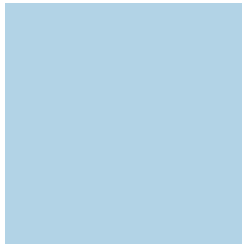
21.4719, 10.7230, 16.6458



1.6310, 0.8101, 1.4633

Previews

White Background



This preview shows how the XYZ color 55.9373, 61.7667, 83.8369 looks on a white background.

Color Contrast Check

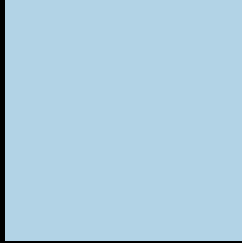
Large Text (above 18pt) WCAG AA × Fail

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 55.9373, 61.7667, 83.8369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

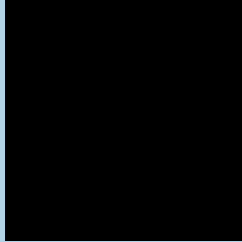
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

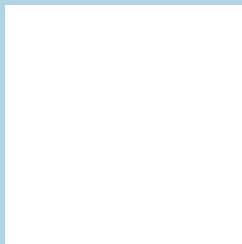
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9373, 61.7667, 83.8369

Background



This preview shows how black text looks on a background with the XYZ color 55.9373, 61.7667, 83.8369.



This preview shows how white text looks on a background with the XYZ color 55.9373, 61.7667,

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

55.9373, 61.7667, 83.8369

Protanopia

59.9489, 61.3732, 80.6381

Deuteranopia

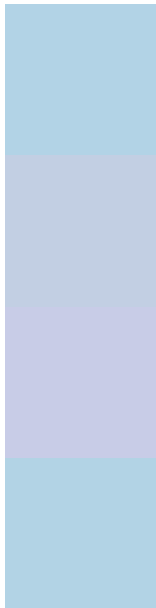
62.6603, 61.2809, 84.8698



Tritanopia

55.6580, 61.6549, 82.3659

Trichromacy



Original Color

55.9373, 61.7667, 83.8369

Protanomaly

58.4261, 61.6410, 81.4916

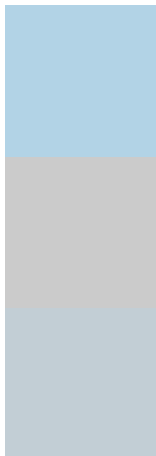
Deuteranomaly

59.8361, 61.2346, 84.2671

Tritanomaly

55.7972, 61.7107, 83.0993

Monochromacy



Original Color

55.9373, 61.7667, 83.8369

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.3297, 60.4160, 71.6434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9373, 61.7667, 83.8369 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(178, 211, 230)` looks like.

```
.text, #text, p{  
    color:rgb(178, 211, 230)  
}
```

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(178, 211, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 211, 230) }
```

Border

The CSS property to change the border of an element to XYZ 55.9373, 61.7667, 83.8369 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(178, 211, 230) }
```


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

```
.border{ border-color:rgb(178, 211, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 211, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 211, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 211, 230);  
box-shadow:4px 4px 4px 4px rgb(178, 211,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9373, 61.7667, 83.8369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 211, 230) }
```

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

```
.background{ background-color: rgb(178,  
211, 230) }
```

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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