

Converting Colors

XYZ(55.8142, 61.5164, 83.7683)

Have a look what the booklet for
XYZ(55.8142, 61.5164, 83.7683)
contains.

XYZ(55.6896, 61.2713, 83.7543)	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(55.6896, 61.2713,
83.7543)**

Conversions

Conversions Part 1

Format	Color
Hex	B2D2E6
RGB	178, 210, 230
RGB Percent	70%, 82%, 90%
CMY	0.3020, 0.1765, 0.0980
CMYK	0.23, 0.09, 0.00, 0.10
HSL	203°, 51%, 80%
HSV	203°, 23%, 90%
XYZ	55.6896, 61.2713, 83.7543
YIQ	202.7120, -25.4920, -0.5640

Conversions

Conversions Part 2

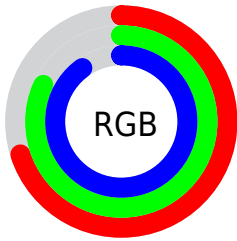
Format	Color
R_{YB}	178, 198, 230
Decimal	11719398
CIE _{Lab}	82.52, -6.28, -13.38
CIE _{LCh}	83, 14.783, 244.846
Yxy	61.2713, 0.2775, 0.3053
Android (android.graphics.Color)	4289909478 (0xFFB2D2E6)
YUV	202.7120, 13.4530, -21.6724
Hunter-Lab	78.2760, -9.9888, -8.6463

Details

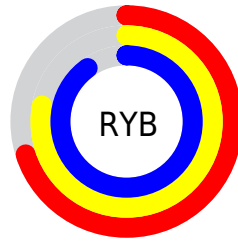
The XYZ color **55.6896, 61.2713, 83.7543** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60.8638, 60.4258, 50.5763**, and the grayscale version is **56.5154, 59.4586, 64.7504**.

A 20% lighter version of the original color is **87.7417, 96.2324, 108.5580**, and **27.8406, 31.1180, 44.5834** is the 20% darker color. If you saturate the color by 10%, you get **48.7249, 54.5295, 82.8211**, and if you desaturate by 10%, it is **63.6635, 68.7156, 84.7719**.

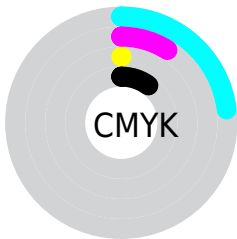
Distribution



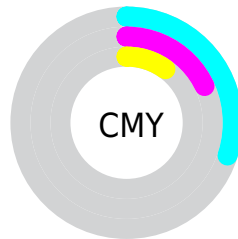
- Red (70%)
- Green (82%)
- Blue (90%)



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



- Cyan (23%)
- Magenta (9%)
- Yellow (0%)
- Black (10%)



- Cyan (30%)
- Magenta (18%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.6896, 61.2713, 83.7543 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 55.6896, 61.2713, 83.7543 by changing the saturation by 10% instead.

■ 55.6896, 61.2713,
83.7543

■ 55.6896, 61.2713,
83.7543

398.6147,
429.2680, 527.5337

■ 40.1901, 44.4442,
62.2684

■ 97.6930, 106.6717,
140.4901

■ 27.8717, 31.0198,
44.8124

124.9277,
136.0137, 176.5770

■ 18.3689, 20.6140,
30.9678

156.8049,
170.2961, 218.3681

■ 11.3165, 12.8421,
20.3161

193.6898,
209.9033, 266.2818

■ 6.3490, 7.3199,
12.4387

235.9479,
255.2197, 320.7366

■ 3.1011, 3.6630,
6.9170

283.9445,

■ 1.2074, 1.4869,

306.6297, 382.1512

3.3326

338.0450,
364.5177, 450.9441

■ 0.1122, 0.2795,
1.2669

■ 0.0000, 0.0000,
0.0344

■ 55.6896, 61.2713,
83.7543

■ 55.6896, 61.2713,
83.7543

■ 48.7249, 54.5295,
82.8211

■ 63.6635, 68.7156,
84.7719

■ 42.7178, 48.4562,
81.9654

■ 72.6839, 76.8799,
85.8724

■ 37.6204, 43.0252,
81.1858

■ 82.7930, 85.7901,
87.0594

■ 33.3778, 38.2054,
80.4791

■ 88.2921, 92.5112,
88.0669

■ 29.9291, 33.9620,
79.8418

■ 91.0380, 98.0030,
88.9822

■ 27.2039, 30.2557,
79.2701

■ 91.2831, 98.4932,
89.0639

■ 25.1180, 27.0398,
78.7593

■ 23.8892, 24.9255,
78.4159

Harmonies

Analogous

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



53.3866, 61.2713, 77.1690



55.6896, 61.2713, 83.7543



58.7518, 61.2713, 85.6176

Triad

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



55.6896, 61.2713, 83.7543



64.5091, 61.2713, 65.2533



54.8303, 61.2713, 53.4164

Complementary

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



55.6896, 61.2713, 83.7543



60.8638, 60.4258, 50.5763

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.



57.7242, 61.2713, 50.8203



55.6896, 61.2713, 83.7543



63.3716, 61.2713, 57.2488

Square

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



55.6896, 61.2713, 83.7543



63.9168, 61.2713, 74.3945



60.8600, 61.2713, 52.1576



52.9032, 61.2713, 59.5813

Rectangle

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



55.6896, 61.2713, 83.7543



60.8295, 61.2713, 83.8002



60.8600, 61.2713, 52.1576



55.7183, 61.2713, 52.1241

Sweetspot

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



55.6914, 61.2738, 83.7557



86.6342, 92.4685, 107.8898



56.8435, 70.1339, 63.9283



18.3947, 19.6577, 23.0748



0.0000, 0.0000, 0.0000



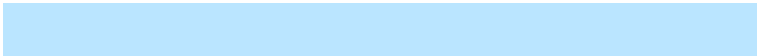
20.3446, 21.4041, 23.3091

Same Dimension

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



55.6914, 61.2738, 83.7557



66.2235, 73.4525, 105.2951



49.7987, 49.4883, 81.7914



14.3176, 15.3566, 18.3538



13.6464, 14.3549, 44.4347



1.0977, 1.2393, 3.3133

Inverse Universe

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



60.1879, 53.3184, 68.0947



72.9068, 62.0715, 81.9179



67.3079, 73.3140, 52.7244



14.7479, 14.5164, 16.8729



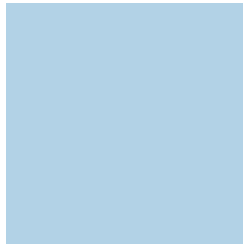
21.2816, 10.6468, 15.6436



1.6177, 0.8048, 1.3933

Previews

White Background



This preview shows how the XYZ color 55.6896, 61.2713, 83.7543 looks on a white background.

Color Contrast Check

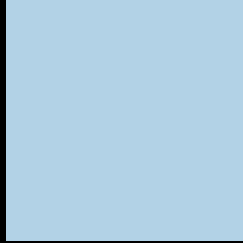
Large Text (above 18pt) WCAG AA × Fail

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 55.6896, 61.2713, 83.7543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

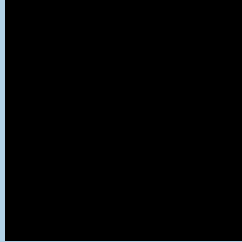
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6896, 61.2713, 83.7543

Background



This preview shows how black text looks on a background with the XYZ color 55.6896, 61.2713, 83.7543.



This preview shows how white text looks on a background with the XYZ color 55.6896, 61.2713,

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

55.6896, 61.2713, 83.7543

Protanopia

59.6775, 61.2333, 80.6254

Deuteranopia

62.3711, 61.1318, 84.8562



Tritanopia

55.0432, 60.9863, 81.5435

Trichromacy



Original Color

55.6896, 61.2713, 83.7543

Protanomaly

57.9288, 61.0261, 81.3991

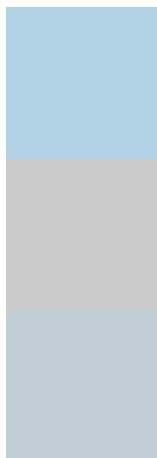
Deuteranomaly

59.8361, 61.2346, 84.2671

Tritanomaly

55.1816, 61.0417, 82.2726

Monochromacy



Original Color

55.6896, 61.2713, 83.7543

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 55.6896, 61.2713, 83.7543 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, 210, 230)` looks like.

```
.text, #text, p{  
    color:rgb(178, 210, 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, 210, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 210, 230) }
```

Border

The CSS property to change the border of an element to XYZ 55.6896, 61.2713, 83.7543 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, 210, 230) }
```


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

```
.border{ border-color:rgb(178, 210, 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, 210, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 210, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 210, 230);  
box-shadow:4px 4px 4px 4px rgb(178, 210,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6896, 61.2713, 83.7543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 210, 230) }
```

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

```
.background{ background-color: rgb(178,  
210, 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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