

Converting Colors

XYZ(55.4488, 60.4840, 81.7630)

Have a look what the booklet for
XYZ(55.4488, 60.4840, 81.7630)
contains.

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Color

**XYZ(55.4771, 60.4816,
81.4232)**

Conversions

Conversions Part 1

Format	Color
Hex	B5D0E3
RGB	181, 208, 227
RGB Percent	71%, 82%, 89%
CMY	0.2902, 0.1843, 0.1098
CMYK	0.20, 0.08, 0.00, 0.11
HSL	205°, 45%, 80%
HSV	205°, 20%, 89%
XYZ	55.4771, 60.4816, 81.4232
YIQ	202.0930, -22.1910, 0.1850

Conversions

Conversions Part 2

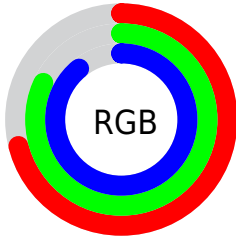
Format	Color
R _Y B	181, 198, 227
Decimal	11915491
CIE Lab	82.10, -4.98, -12.40
CIE LCh	82, 13.362, 248.100
Yxy	60.4816, 0.2811, 0.3064
Android (android.graphics.Color)	4290105571 (0xFFB5D0E3)
YUV	202.0930, 12.2792, -18.4986
Hunter-Lab	77.7699, -8.7645, -7.6362

Details

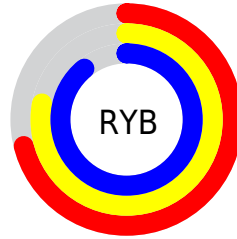
The XYZ color **55.4771, 60.4816, 81.4232** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.6739, 60.9758, 52.2891**, and the grayscale version is **56.1343, 59.0576, 64.3137**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **27.7544, 30.6018, 43.4736** is the 20% darker color. If you saturate the color by 10%, you get **48.3637, 53.5225, 80.4559**, and if you desaturate by 10%, it is **63.5965, 68.1630, 82.4789**.

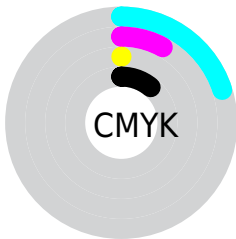
Distribution



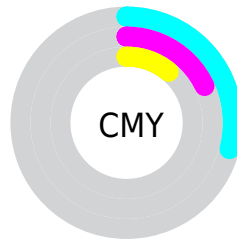
- Red (71%)
- Green (82%)
- Blue (89%)



- Red (71%)
- Yellow (78%)
- Blue (89%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (29%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.4771, 60.4816, 81.4232 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 55.4771, 60.4816, 81.4232 by changing the saturation by 10% instead.

■ 55.4771, 60.4816,
81.4232

■ 55.4771, 60.4816,
81.4232

397.8250,
426.3707, 519.5490

■ 40.0192, 43.8069,
60.3572

■ 97.3839, 105.5280,
137.1942

■ 27.7378, 30.5188,
43.2794

124.5635,
134.6685, 172.7363

■ 18.2675, 20.2327,
29.7714

156.3810,
168.7330, 213.9409

■ 11.2431, 12.5643,
19.4145

193.2018,
208.1061, 261.2264

■ 6.2991, 7.1292,
11.7904

235.3912,
253.1719, 315.0114

■ 3.0702, 3.5430,
6.4803

283.3147,

■ 1.1910, 1.4214,

304.3151, 375.7145

3.0658

337.3375,
361.9198, 443.7542

■ 0.0992, 0.2324,
1.1283

■ 0.0000, 0.0000,
0.0000

■ 55.4771, 60.4816,
81.4232

■ 55.4771, 60.4816,
81.4232

■ 48.3637, 53.5225,
80.4559

■ 63.5965, 68.1630,
82.4789

■ 42.2066, 47.2519,
79.5700

■ 72.7577, 76.5839,
83.6214

■ 36.9598, 41.6443,
78.7642

■ 83.0016, 85.7701,
84.8546

■ 32.5710, 36.6690,
78.0352

■ 87.9104, 92.4163,
85.8788

■ 28.9822, 32.2924,
77.3796

■ 90.8267, 98.2489,
86.8509

■ 26.1273, 28.4765,
76.7935

■ 90.8653, 98.3261,
86.8638

■ 23.9281, 25.1771,
76.2726

■ 22.2874, 22.3903,
75.8211

Harmonies

Analogous

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



53.3031, 60.4816, 75.9619



55.4771, 60.4816, 81.4232



58.2573, 60.4816, 82.5464

Triad

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



55.4771, 60.4816, 81.4232



63.0520, 60.4816, 63.6794



54.1883, 60.4816, 54.3196

Complementary

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



55.4771, 60.4816, 81.4232



60.6739, 60.9758, 52.2891

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.



56.7215, 60.4816, 51.5791



55.4771, 60.4816, 81.4232



61.8821, 60.4816, 56.6854

Square

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



55.4771, 60.4816, 81.4232



62.6922, 60.4816, 71.8489



59.5427, 60.4816, 52.4082



52.5762, 60.4816, 60.2025

Rectangle

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



55.4771, 60.4816, 81.4232



60.0913, 60.4816, 80.6041



59.5427, 60.4816, 52.4082



54.9570, 60.4816, 53.0233

Sweetspot

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



55.4789, 60.4841, 81.4246



87.6607, 93.2473, 107.9861



56.8817, 68.9052, 64.5800



18.5974, 19.8061, 23.0927



0.0000, 0.0000, 0.0000



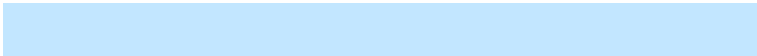
20.3446, 21.4041, 23.3091

Same Dimension

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



55.4789, 60.4841, 81.4246



68.4672, 75.1036, 105.4956



50.3972, 50.3207, 79.7307



14.2824, 15.2861, 18.3421



13.1155, 13.2932, 44.2577



1.0602, 1.1644, 3.3008

Inverse Universe

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



59.5891, 53.9342, 66.9470



74.7316, 65.4523, 83.3554



66.2478, 72.1235, 54.1470



14.7301, 14.5092, 16.7792



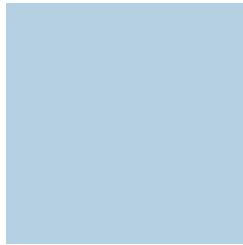
21.0136, 10.5397, 14.2326



1.5988, 0.7972, 1.2937

Previews

White Background



This preview shows how the XYZ color 55.4771, 60.4816, 81.4232 looks on a white background.

Color Contrast Check

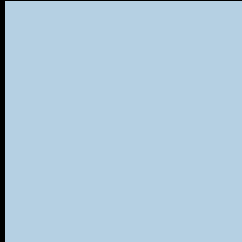
Large Text (above 18pt) WCAG AA × Fail

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 55.4771, 60.4816, 81.4232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

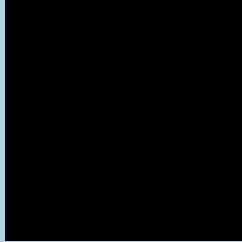
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

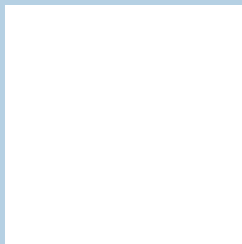
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.4771, 60.4816, 81.4232

Background



This preview shows how black text looks on a background with the XYZ color 55.4771, 60.4816, 81.4232.



This preview shows how white text looks on a background with the XYZ color 55.4771, 60.4816,

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

55.4771, 60.4816, 81.4232

Protanopia

58.7969, 60.1253, 78.3185

Deuteranopia

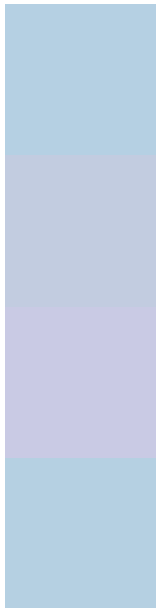
61.4883, 60.0424, 82.4773



Tritanopia

55.2025, 60.3718, 79.9776

Trichromacy



Original Color

55.4771, 60.4816, 81.4232

Protanomaly

57.2955, 60.0369, 79.0895

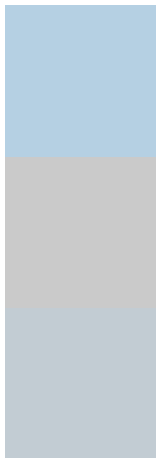
Deuteranomaly

59.2115, 60.2600, 81.9093

Tritanomaly

55.3394, 60.4265, 80.6983

Monochromacy



Original Color

55.4771, 60.4816, 81.4232

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.5989, 59.3582, 70.1549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4771, 60.4816, 81.4232 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(181, 208, 227)` looks like.

```
.text, #text, p{  
    color:rgb(181, 208, 227)  
}
```

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(181, 208, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 208, 227) }
```

Border

The CSS property to change the border of an element to XYZ 55.4771, 60.4816, 81.4232 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(181, 208, 227) }
```


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

```
.border{ border-color:rgb(181, 208, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 208, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 208, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 208, 227);  
box-shadow:4px 4px 4px 4px rgb(181, 208,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4771, 60.4816, 81.4232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 208, 227) }
```

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

```
.background{ background-color: rgb(181,  
208, 227) }
```

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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