

Converting Colors

XYZ(55.0968, 61.2695, 81.0186)

Have a look what the booklet for
XYZ(55.0968, 61.2695, 81.0186)
contains.

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Color

**XYZ(55.1532, 61.4266,
80.9011)**

Conversions

Conversions Part 1

Format	Color
Hex	B1D3E2
RGB	177, 211, 226
RGB Percent	69%, 83%, 89%
CMY	0.3059, 0.1725, 0.1137
CMYK	0.22, 0.07, 0.00, 0.11
HSL	198°, 46%, 79%
HSV	198°, 22%, 89%
XYZ	55.1532, 61.4266, 80.9011
YIQ	202.5440, -25.0790, -2.5430

Conversions

Conversions Part 2

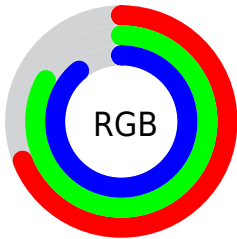
Format	Color
RYB	177, 197, 226
Decimal	11654114
CIELab	82.61, -7.99, -11.13
CIELCh	83, 13.703, 234.334
Yxy	61.4266, 0.2793, 0.3111
Android (android.graphics.Color)	4289844194 (0xFFB1D3E2)
YUV	202.5440, 11.5638, -22.4021
Hunter-Lab	78.3751, -11.5446, -6.3383

Details

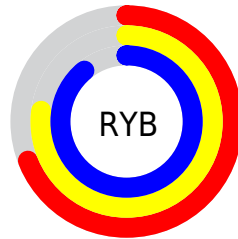
The XYZ color **55.1532, 61.4266, 80.9011** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.1501, 57.0426, 49.5419**, and the grayscale version is **56.4215, 59.3598, 64.6429**.

A 20% lighter version of the original color is **87.4143, 96.0636, 108.5427**, and **27.5513, 31.0023, 43.0600** is the 20% darker color. If you saturate the color by 10%, you get **48.7444, 55.6277, 80.1206**, and if you desaturate by 10%, it is **62.4922, 67.8179, 81.7489**.

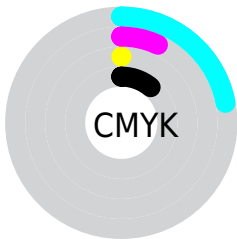
Distribution



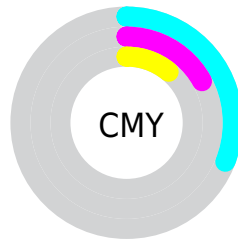
- Red (69%)
- Green (83%)
- Blue (89%)



- Red (69%)
- Yellow (77%)
- Blue (89%)



- Cyan (22%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (31%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1532, 61.4266, 80.9011 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 55.1532, 61.4266, 80.9011 by changing the saturation by 10% instead.

■ 55.1532, 61.4266,
80.9011

■ 55.1532, 61.4266,
80.9011

396.6194,
429.8364, 517.7511

■ 39.7587, 44.5695,
59.9296

■ 96.9124, 106.8964,
136.4547

■ 27.5338, 31.1185,
42.9370

124.0078,
136.2779, 171.8739

■ 18.1132, 20.6891,
29.5046

155.7343,
170.6030, 212.9461

■ 11.1315, 12.8969,
19.2141

192.4571,
210.2561, 260.0899

■ 6.2233, 7.3576,
11.6467

234.5417,
255.6216, 313.7237

■ 3.0233, 3.6867,
6.3840

282.3533,

■ 1.1661, 1.4999,

307.0839, 374.2662

3.0074

336.2575,
365.0274, 442.1358

■ 0.0793, 0.2887,
1.0984

■ 0.0000, 0.0000,
0.0000

■ 55.1532, 61.4266,
80.9011

■ 55.1532, 61.4266,
80.9011

■ 48.7444, 55.6277,
80.1206

■ 62.4922, 67.8179,
81.7489

■ 43.2173, 50.3903,
79.4010

■ 70.7957, 74.8160,
82.6621

■ 38.5274, 45.6914,
78.7412

■ 80.1032, 82.4441,
83.6439

■ 34.6238, 41.5036,
78.1386

■ 85.7386, 88.2930,
84.4758

■ 31.4495, 37.7959,
77.5902

■ 87.7990, 92.4138,
85.1626

■ 28.9395, 34.5333,
77.0928

■ 89.9378, 96.6913,
85.8755

■ 27.0157, 31.6741,
76.6423

■ 90.7277, 98.2711,
86.1388

■ 25.7556, 29.5470,
76.2981

Harmonies

Analogous

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



53.3886, 61.4266, 73.7708



55.1532, 61.4266, 80.9011



57.8284, 61.4266, 84.3016

Triad

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



55.1532, 61.4266, 80.9011



64.1856, 61.4266, 68.4925



56.0881, 61.4266, 53.2033

Complementary

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



55.1532, 61.4266, 80.9011



58.1501, 57.0426, 49.5419

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.



58.9434, 61.4266, 52.0462



55.1532, 61.4266, 80.9011



63.6820, 61.4266, 60.4381

Square

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



55.1532, 61.4266, 80.9011



63.0931, 61.4266, 76.7625



61.7389, 61.4266, 54.5859



53.9156, 61.4266, 57.8900

Rectangle

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



55.1532, 61.4266, 80.9011



59.7934, 61.4266, 83.8073



61.7389, 61.4266, 54.5859



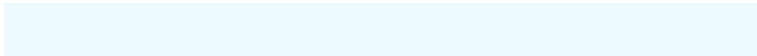
56.9972, 61.4266, 52.4061

Sweetspot

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



55.1550, 61.4291, 80.9025



87.0669, 93.3339, 108.0341



54.8103, 67.5335, 59.8428



18.4951, 19.8583, 23.1082



0.0000, 0.0000, 0.0000



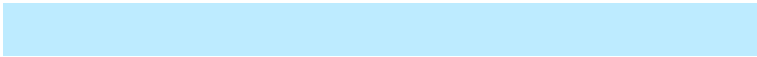
20.3446, 21.4041, 23.3091

Same Dimension

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



55.1550, 61.4291, 80.9025



68.5865, 77.2497, 105.9035



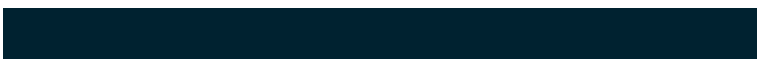
49.5882, 50.2954, 79.0469



13.7441, 14.8272, 17.5252



14.8029, 17.0754, 43.5640



1.1041, 1.3396, 3.0456

Inverse Universe

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



58.8455, 52.3177, 68.6276



74.3263, 63.5075, 86.7165



63.9081, 68.5585, 51.4612



14.1070, 13.8604, 16.3338



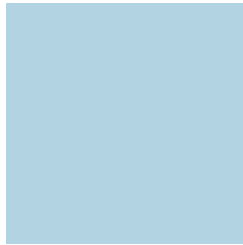
21.4120, 10.6318, 19.3673



1.5235, 0.7527, 1.5498

Previews

White Background



This preview shows how the XYZ color 55.1532, 61.4266, 80.9011 looks on a white background.

Color Contrast Check

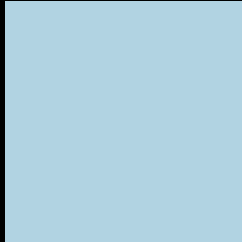
Large Text (above 18pt) WCAG AA × Fail

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 55.1532, 61.4266, 80.9011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

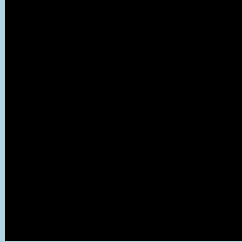
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1532, 61.4266, 80.9011

Background



This preview shows how black text looks on a background with the XYZ color 55.1532, 61.4266, 80.9011.



This preview shows how white text looks on a background with the XYZ color 55.1532, 61.4266,

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

55.1532, 61.4266, 80.9011

Protanopia

59.6795, 61.2970, 77.7933

Deuteranopia

62.3894, 61.2061, 81.9245



Tritanopia

55.4293, 61.5371, 82.3552

Trichromacy



Original Color

55.1532, 61.4266, 80.9011

Protanomaly

57.8802, 61.4227, 78.6172

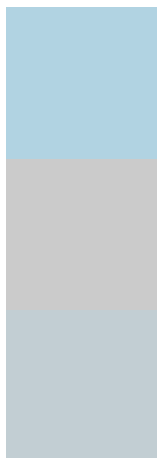
Deuteranomaly

59.5454, 61.1493, 81.3377

Tritanomaly

55.2909, 61.4817, 81.6261

Monochromacy



Original Color

55.1532, 61.4266, 80.9011

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.0773, 60.3151, 70.3144

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1532, 61.4266, 80.9011 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(177, 211, 226)` looks like.

```
.text, #text, p{  
    color:rgb(177, 211, 226)  
}
```

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(177, 211, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 211, 226) }
```

Border

The CSS property to change the border of an element to XYZ 55.1532, 61.4266, 80.9011 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(177, 211, 226) }
```


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

```
.border{ border-color:rgb(177, 211, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 211, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 211, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 211, 226);  
box-shadow:4px 4px 4px 4px rgb(177, 211,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1532, 61.4266, 80.9011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 211, 226) }
```

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

```
.background{ background-color: rgb(177,  
211, 226) }
```

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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