

Converting Colors

XYZ(55.1733, 61.6151, 76.4211)

Have a look what the booklet for
XYZ(55.1733, 61.6151, 76.4211)
contains.

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Color

**XYZ(55.2686, 61.5796,
76.6832)**

Conversions

Conversions Part 1

Format	Color
Hex	B5D3DC
RGB	181, 211, 220
RGB Percent	71%, 83%, 86%
CMY	0.2902, 0.1725, 0.1372
CMYK	0.18, 0.04, 0.00, 0.14
HSL	194°, 36%, 79%
HSV	194°, 18%, 86%
XYZ	55.2686, 61.5796, 76.6832
YIQ	203.0560, -20.7690, -3.5610

Conversions

Conversions Part 2

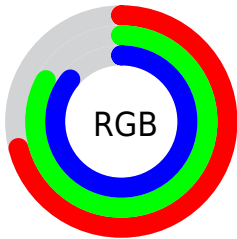
Format	Color
RYB	181, 198, 220
Decimal	11916252
CIELab	82.69, -8.05, -7.79
CIELCh	83, 11.201, 224.044
Yxy	61.5796, 0.2856, 0.3182
Android (android.graphics.Color)	4290106332 (0xFFB5D3DC)
YUV	203.0560, 8.3534, -19.3431
Hunter-Lab	78.4727, -11.6089, -3.0071

Details

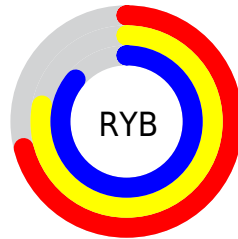
The XYZ color **55.2686, 61.5796, 76.6832** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.2697, 55.3788, 51.4408**, and the grayscale version is **56.7599, 59.7158, 65.0306**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **27.5821, 31.0827, 40.1431** is the 20% darker color. If you saturate the color by 10%, you get **49.2712, 56.6470, 76.0482**, and if you desaturate by 10%, it is **62.1240, 67.0169, 77.3724**.

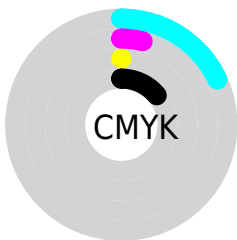
Distribution



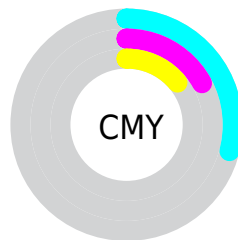
- Red (71%)
- Green (83%)
- Blue (86%)



- Red (71%)
- Yellow (78%)
- Blue (86%)



- Cyan (18%)
- Magenta (4%)
- Yellow (0%)
- Black (14%)



- Cyan (29%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2686, 61.5796, 76.6832 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 55.2686, 61.5796, 76.6832 by changing the saturation by 10% instead.

■ 55.2686, 61.5796,
76.6832

■ 55.2686, 61.5796,
76.6832

397.0492,
430.3960, 503.0922

■ 39.8515, 44.6931,
56.4829

■ 97.0804, 107.1177,
130.4611

■ 27.6065, 31.2158,
40.1836

124.2058,
136.5381, 164.8758

■ 18.1682, 20.7632,
27.3669

155.9648,
170.9052, 204.8657

■ 11.1712, 12.9510,
17.6141

192.7225,
210.6035, 250.8493

■ 6.2503, 7.3948,
10.5067

234.8445,
256.0173, 303.2453

■ 3.0399, 3.7102,
5.6262

282.6960,

■ 1.1749, 1.5128,

307.5311, 362.4720

2.5541

336.6425,
365.5292, 428.9481

■ 0.0864, 0.2977,
0.8686

■ 0.0000, 0.0000,
0.0000

■ 55.2686, 61.5796,
76.6832

■ 55.2686, 61.5796,
76.6832

■ 49.2712, 56.6470,
76.0482

■ 62.1240, 67.0169,
77.3724

■ 44.0879, 52.1910,
75.4613

■ 69.8680, 72.9702,
78.1133

■ 39.6789, 48.1922,
74.9218

■ 78.5363, 79.4602,
78.9092

■ 35.9989, 44.6268,
74.4276

■ 82.8201, 83.7506,
79.5115

■ 32.9976, 41.4681,
73.9761

■ 84.2638, 86.6381,
79.9927

■ 30.6181, 38.6863,
73.5646

■ 85.7491, 89.6087,
80.4878

■ 28.7934, 36.2463,
73.1898

■ 87.2763, 92.6630,
80.9969

■ 27.4311, 34.0998,
72.8473

■ 88.8457, 95.8019,
81.5200

■ 27.1525, 33.6355,
72.7723

■ 89.9185, 97.9474,
81.8776

Harmonies

Analogous

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



54.1578, 61.5796, 70.3146



55.2686, 61.5796, 76.6832



57.2677, 61.5796, 80.6040

Triad

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



55.2686, 61.5796, 76.6832



63.0885, 61.5796, 70.7561



57.4147, 61.5796, 55.0068

Complementary

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



55.2686, 61.5796, 76.6832



56.2697, 55.3788, 51.4408

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.



59.8098, 61.5796, 55.1070



55.2686, 61.5796, 76.6832



63.1305, 61.5796, 63.8874

Square

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



55.2686, 61.5796, 76.6832



61.8031, 61.5796, 77.0254



61.9163, 61.5796, 58.2588



55.3737, 61.5796, 57.9748

Rectangle

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



55.2686, 61.5796, 76.6832



58.8562, 61.5796, 81.1447



61.9163, 61.5796, 58.2588



58.2041, 61.5796, 54.6894

Sweetspot

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



55.2704, 61.5821, 76.6846



89.5826, 95.7991, 108.3773



53.8846, 64.7050, 58.0511



19.0154, 20.3818, 23.1818



0.0000, 0.0000, 0.0000



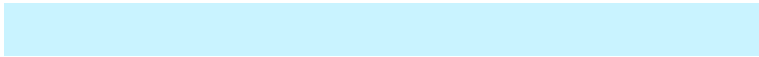
20.3446, 21.4041, 23.3091

Same Dimension

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



55.2704, 61.5821, 76.6846



74.2034, 83.5896, 106.8312



50.8361, 52.7136, 75.2065



13.1769, 14.2936, 16.7166



16.0236, 19.9166, 42.7382



1.1014, 1.4169, 2.7899

Inverse Universe

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



57.7984, 52.9679, 68.8084



78.3560, 69.6931, 93.8364



60.6449, 64.1294, 52.8992



13.4792, 13.2208, 15.7846



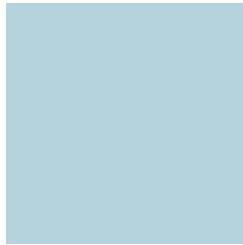
21.5833, 10.6344, 23.2495



1.4302, 0.7017, 1.6745

Previews

White Background



This preview shows how the XYZ color 55.2686, 61.5796, 76.6832 looks on a white background.

Color Contrast Check

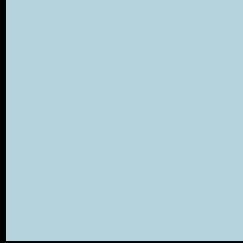
Large Text (above 18pt) WCAG AA × Fail

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 55.2686, 61.5796, 76.6832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

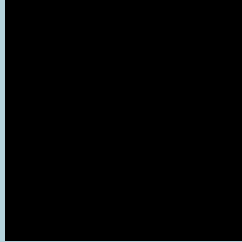
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.2686, 61.5796, 76.6832

Background



This preview shows how black text looks on a background with the XYZ color 55.2686, 61.5796, 76.6832.

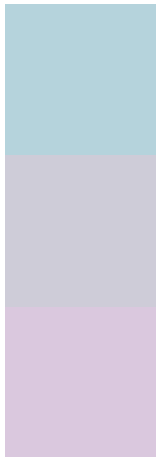


This preview shows how white text looks on a background with the XYZ color 55.2686, 61.5796,

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

55.2686, 61.5796, 76.6832

Protanopia

59.4411, 61.2654, 73.6583

Deuteranopia

62.7525, 61.4879, 77.6682



Tritanopia

56.2031, 61.5843, 81.5978

Trichromacy



Original Color

55.2686, 61.5796, 76.6832

Protanomaly

57.8632, 61.5057, 74.4677

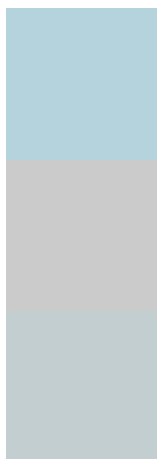
Deuteranomaly

59.8208, 61.3853, 77.1023

Tritanomaly

55.7925, 61.4201, 79.4357

Monochromacy



Original Color

55.2686, 61.5796, 76.6832

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.0856, 60.3482, 69.0139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2686, 61.5796, 76.6832 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, 211, 220)` looks like.

```
.text, #text, p{  
    color:rgb(181, 211, 220)  
}
```

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, 211, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 211, 220) }
```

Border

The CSS property to change the border of an element to XYZ 55.2686, 61.5796, 76.6832 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, 211, 220) }
```


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

```
.border{ border-color:rgb(181, 211, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 211, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 211, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 211, 220);  
box-shadow:4px 4px 4px 4px rgb(181, 211,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2686, 61.5796, 76.6832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 211, 220) }
```

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

```
.background{ background-color: rgb(181,  
211, 220) }
```

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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