

Converting Colors

XYZ(55.1520, 60.7506, 76.1837)

Have a look what the booklet for
XYZ(55.1520, 60.7506, 76.1837)
contains.

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Color

**XYZ(55.2472, 60.8355,
76.5407)**

Conversions

Conversions Part 1

Format	Color
Hex	B7D1DC
RGB	183, 209, 220
RGB Percent	72%, 82%, 86%
CMY	0.2823, 0.1804, 0.1372
CMYK	0.17, 0.05, 0.00, 0.14
HSL	198°, 35%, 79%
HSV	198°, 17%, 86%
XYZ	55.2472, 60.8355, 76.5407
YIQ	202.4800, -19.0270, -2.0910

Conversions

Conversions Part 2

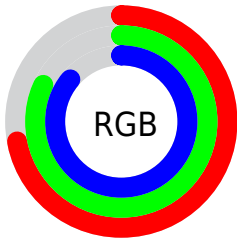
Format	Color
R_{YB}	183, 198, 220
Decimal	12046812
CIE _{Lab}	82.29, -6.39, -8.37
CIE _{LCh}	82, 10.523, 232.646
Yxy	60.8355, 0.2868, 0.3158
Android (android.graphics.Color)	4290236892 (0xFFB7D1DC)
YUV	202.4800, 8.6374, -17.0840
Hunter-Lab	77.9971, -10.0592, -3.5849

Details

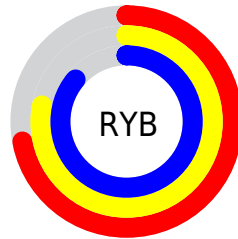
The XYZ color **55.2472, 60.8355, 76.5407** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3548, 57.2182, 52.8224**, and the grayscale version is **56.3965, 59.3335, 64.6142**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **27.7188, 30.9051, 40.1017** is the 20% darker color. If you saturate the color by 10%, you get **48.8467, 55.2044, 75.7921**, and if you desaturate by 10%, it is **62.5350, 67.0249, 77.3522**.

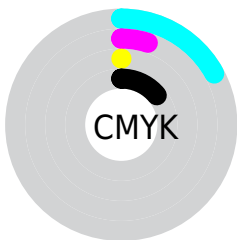
Distribution



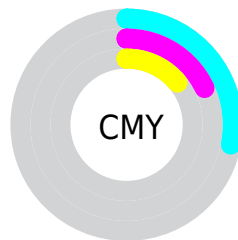
- Red (72%)
- Green (82%)
- Blue (86%)



- Red (72%)
- Yellow (78%)
- Blue (86%)



- Cyan (17%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (28%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2472, 60.8355, 76.5407 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 55.2472, 60.8355, 76.5407 by changing the saturation by 10% instead.

■ 55.2472, 60.8355,
76.5407

■ 55.2472, 60.8355,
76.5407

396.9695,
427.6706, 502.5926

■ 39.8343, 44.0924,
56.3667

■ 97.0493, 106.0407,
130.2580

■ 27.5930, 30.7432,
40.0910

124.1691,
135.2716, 164.6384

■ 18.1580, 20.4034,
27.2952

155.9220,
169.4340, 204.5913

■ 11.1638, 12.6886,
17.5606

192.6733,
208.9121, 250.5352

■ 6.2452, 7.2145,
10.4689

234.7884,
254.0905, 302.8888

■ 3.0368, 3.5966,
5.6013

282.6325,

■ 1.1733, 1.4506,

305.3534, 362.0706

2.5393

336.5711,
363.0853, 428.4990

■ 0.0851, 0.2535,
0.8609

■ 0.0000, 0.0000,
0.0000

■ 55.2472, 60.8355,
76.5407

■ 55.2472, 60.8355,
76.5407

■ 48.8467, 55.2044,
75.7921

■ 62.5350, 67.0249,
77.3522

■ 43.2896, 50.1032,
75.1004

■ 70.7410, 73.7850,
78.2246

■ 38.5359, 45.5115,
74.4646

■ 79.9010, 81.1369,
79.1608

■ 34.5402, 41.4048,
73.8826

■ 83.9127, 85.9359,
79.8757

■ 31.2523, 37.7560,
73.3516

■ 85.8212, 89.7528,
80.5119

■ 28.6155, 34.5346,
72.8687

■ 87.7992, 93.7088,
81.1712

■ 26.5635, 31.7052,
72.4308

■ 89.8475, 97.8054,
81.8540

■ 25.0111, 29.2225,
72.0334

■ 89.9184, 97.9474,
81.8776

■ 24.5752, 28.4809,
71.9132

Harmonies

Analogous

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



53.9362, 60.8355, 71.1053



55.2472, 60.8355, 76.5407



57.2725, 60.8355, 79.2472

Triad

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



55.2472, 60.8355, 76.5407



62.2018, 60.8355, 67.8317



56.1791, 60.8355, 55.4911

Complementary

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



55.2472, 60.8355, 76.5407



57.3548, 57.2182, 52.8224

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.



58.3756, 60.8355, 54.7393



55.2472, 60.8355, 76.5407



61.8908, 60.8355, 61.6010

Square

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



55.2472, 60.8355, 76.5407



61.3154, 60.8355, 74.0124



60.4762, 60.8355, 56.9067



54.4645, 60.8355, 59.0309

Rectangle

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



55.2472, 60.8355, 76.5407



58.7707, 60.8355, 79.0245



60.4762, 60.8355, 56.9067



56.8842, 60.8355, 54.9137

Sweetspot

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



55.2490, 60.8380, 76.5421



89.3168, 95.2674, 108.2887



54.8025, 65.1266, 60.4188



18.9507, 20.2523, 23.1602



0.0000, 0.0000, 0.0000



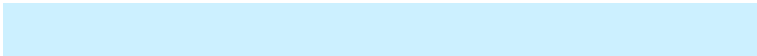
20.3446, 21.4041, 23.3091

Same Dimension

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



55.2490, 60.8380, 76.5421



74.0653, 82.2843, 106.5865



51.0824, 52.5048, 75.1532



13.1011, 14.1419, 16.6913



14.5241, 16.9176, 42.2383



1.0146, 1.2434, 2.7610

Inverse Universe

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



57.9588, 53.6875, 67.6324



78.5375, 70.7276, 91.8271



61.6028, 65.7143, 54.2384



13.4409, 13.2055, 15.5830



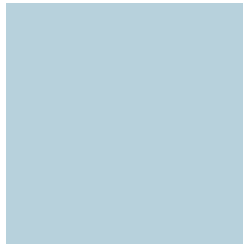
20.8264, 10.3316, 19.2638



1.3864, 0.6842, 1.4439

Previews

White Background



This preview shows how the XYZ color 55.2472, 60.8355, 76.5407 looks on a white background.

Color Contrast Check

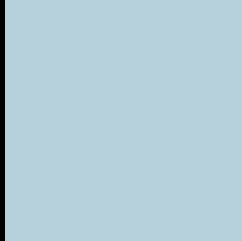
Large Text (above 18pt) WCAG AA × Fail

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 55.2472, 60.8355, 76.5407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

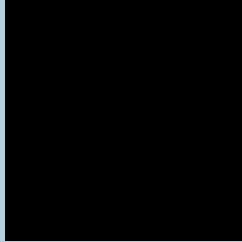
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

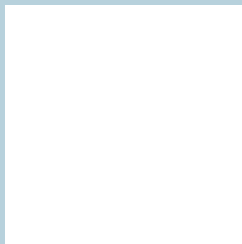
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2472, 60.8355, 76.5407

Background



This preview shows how black text looks on a background with the XYZ color 55.2472, 60.8355, 76.5407.

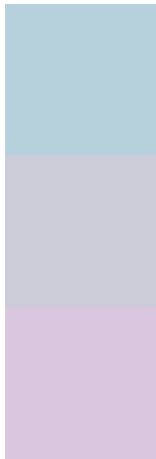


This preview shows how white text looks on a background with the XYZ color 55.2472, 60.8355,

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

55.2472, 60.8355, 76.5407

Protanopia

58.6524, 60.5071, 73.5535

Deuteranopia

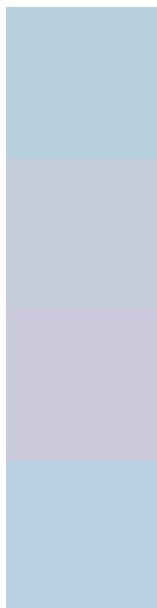
61.9271, 60.7197, 77.5634



Tritanopia

55.9136, 60.7383, 80.0109

Trichromacy



Original Color

55.2472, 60.8355, 76.5407

Protanomaly

57.1207, 60.4082, 74.2950

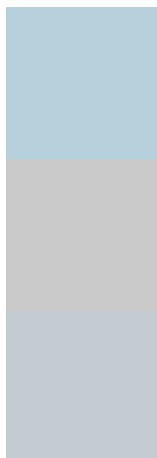
Deuteranomaly

59.3089, 60.7697, 77.0104

Tritanomaly

55.6423, 60.6298, 78.5821

Monochromacy



Original Color

55.2472, 60.8355, 76.5407

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.8456, 59.8682, 68.9339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2472, 60.8355, 76.5407 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(183, 209, 220)` looks like.

```
.text, #text, p{  
    color:rgb(183, 209, 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(183, 209, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 209, 220) }
```

Border

The CSS property to change the border of an element to XYZ 55.2472, 60.8355, 76.5407 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(183, 209, 220) }
```


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

```
.border{ border-color:rgb(183, 209, 220) }
```

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

Here you see how a box with a 4 pixel rgb(183, 209, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 209, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 209, 220);  
box-shadow:4px 4px 4px 4px rgb(183, 209,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2472, 60.8355, 76.5407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 209, 220) }
```

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

```
.background{ background-color: rgb(183,  
209, 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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