

Converting Colors

XYZ(56.0663, 62.5085, 76.6885)

Have a look what the booklet for
XYZ(56.0663, 62.5085, 76.6885)
contains.

XYZ(55.9902, 62.3216, 76.7884)	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(55.9902, 62.3216,
76.7884)**

Conversions

Conversions Part 1

Format	Color
Hex	B7D4DC
RGB	183, 212, 220
RGB Percent	72%, 83%, 86%
CMY	0.2823, 0.1686, 0.1372
CMYK	0.17, 0.04, 0.00, 0.14
HSL	193°, 35%, 79%
HSV	193°, 17%, 86%
XYZ	55.9902, 62.3216, 76.7884
YIQ	204.2410, -19.8520, -3.6600

Conversions

Conversions Part 2

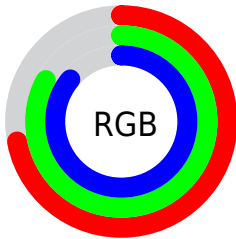
Format	Color
RYB	183, 199, 220
Decimal	12047580
CIELab	83.08, -7.94, -7.19
CIELCh	83, 10.714, 222.136
Yxy	62.3216, 0.2870, 0.3194
Android (android.graphics.Color)	4290237660 (0xFFB7D4DC)
YUV	204.2410, 7.7692, -18.6284
Hunter-Lab	78.9440, -11.5529, -2.4102

Details

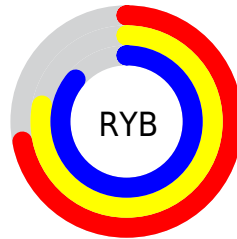
The XYZ color **55.9902, 62.3216, 76.7884** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **56.6937, 55.8960, 52.6018**, and the grayscale version is **57.5098, 60.5048, 65.8897**.

A 20% lighter version of the original color is **89.4066, 97.0907, 108.6359**, and **28.0544, 31.5764, 40.2135** is the 20% darker color. If you saturate the color by 10%, you get **49.9901, 57.4913, 76.1733**, and if you desaturate by 10%, it is **62.8468, 67.6487, 77.4562**.

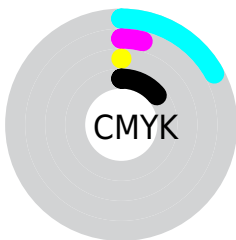
Distribution



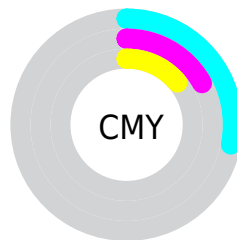
- Red (72%)
- Green (83%)
- Blue (86%)



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



- Cyan (17%)
- Magenta (4%)
- Yellow (0%)
- Black (14%)



- Cyan (28%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9902, 62.3216, 76.7884 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 55.9902, 62.3216, 76.7884 by changing the saturation by 10% instead.

■ 55.9902, 62.3216,
76.7884

■ 55.9902, 62.3216,
76.7884

399.7302,
433.1032, 503.4608

■ 40.4320, 45.2926,
56.5687

■ 98.1301, 108.1902,
130.6110

■ 28.0613, 31.6880,
40.2520

125.4426,
137.7986, 165.0510

■ 18.5125, 21.1233,
27.4198

157.4039,
172.3689, 205.0682

■ 11.4205, 13.2141,
17.6535

194.3794,
212.2856, 251.0811

■ 6.4198, 7.5762,
10.5347

236.7344,
257.9329, 303.5083

■ 3.1450, 3.8250,
5.6447

284.8343,

■ 1.2309, 1.5761,

309.6954, 362.7683

2.5650

339.0445,
367.9573, 429.2796

■ 0.1306, 0.3414,
0.8743

■ 0.0000, 0.0000,
0.0000

■ 55.9902, 62.3216,
76.7884

■ 55.9902, 62.3216,
76.7884

■ 49.9901, 57.4913,
76.1733

■ 62.8468, 67.6487,
77.4562

■ 44.8030, 53.1300,
75.6049

■ 70.5903, 73.4837,
78.1744

■ 40.3894, 49.2186,
75.0825

■ 79.2560, 79.8470,
78.9459

■ 36.7045, 45.7335,
74.6040

■ 82.7413, 83.5930,
79.4853

■ 33.6985, 42.6485,
74.1670

■ 84.0905, 86.2914,
79.9350

■ 31.3153, 39.9343,
73.7687

■ 85.4762, 89.0628,
80.3969

■ 29.4891, 37.5565,
73.4060

■ 86.8986, 91.9076,
80.8710

■ 28.1353, 35.4709,
73.0748

■ 88.3579, 94.8263,
81.3575

■ 27.7570, 34.8445,
72.9738

■ 89.8546, 97.8196,
81.8564

Harmonies

Analogous

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



54.9826, 62.3216, 70.5773



55.9902, 62.3216, 76.7884



57.8778, 62.3216, 80.7489

Triad

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



55.9902, 62.3216, 76.7884



63.5799, 62.3216, 71.8497



58.3025, 62.3216, 56.1256

Complementary

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



55.9902, 62.3216, 76.7884



56.6937, 55.8960, 52.6018

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.



60.6128, 62.3216, 56.4171



55.9902, 62.3216, 76.7884



63.7008, 62.3216, 65.2087

Square

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



55.9902, 62.3216, 76.7884



62.2762, 62.3216, 77.7721



62.6024, 62.3216, 59.6476



56.2941, 62.3216, 58.8237

Rectangle

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



55.9902, 62.3216, 76.7884



59.4011, 62.3216, 81.4320



62.6024, 62.3216, 59.6476



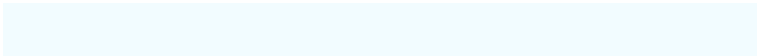
59.0688, 62.3216, 55.8824

Sweetspot

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



55.9920, 62.3242, 76.7898



89.6410, 95.9158, 108.3968



54.4608, 64.9900, 58.6198



19.0296, 20.4102, 23.1865



0.0000, 0.0000, 0.0000



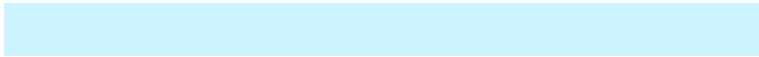
20.3446, 21.4041, 23.3091

Same Dimension

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



55.9920, 62.3242, 76.7898



75.2956, 84.7450, 106.9967



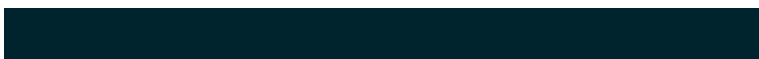
51.7619, 53.8639, 75.3798



13.1936, 14.3270, 16.7221



16.3748, 20.6190, 42.8552



1.1214, 1.4570, 2.7966

Inverse Universe

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



58.3338, 53.8374, 69.6075



79.1585, 70.9760, 95.0974



60.8394, 64.1875, 53.9838



13.4876, 13.2241, 15.8289



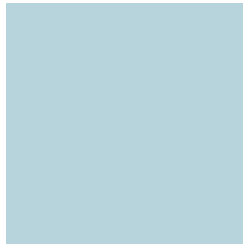
21.7606, 10.7053, 24.1830



1.4403, 0.7058, 1.7277

Previews

White Background



This preview shows how the XYZ color 55.9902, 62.3216, 76.7884 looks on a white background.

Color Contrast Check

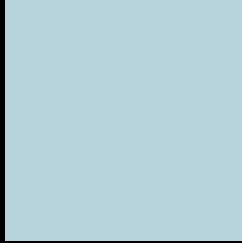
Large Text (above 18pt) WCAG AA × Fail

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 55.9902, 62.3216, 76.7884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

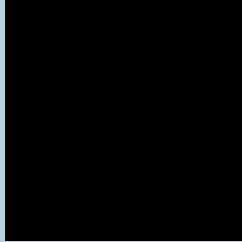
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

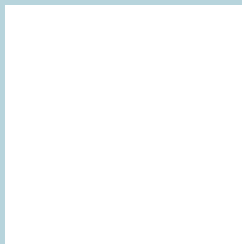
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.9902, 62.3216, 76.7884

Background



This preview shows how black text looks on a background with the XYZ color 55.9902, 62.3216, 76.7884.

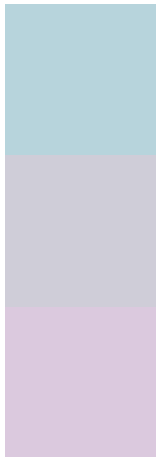


This preview shows how white text looks on a background with the XYZ color 55.9902, 62.3216,

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

55.9902, 62.3216, 76.7884

Protanopia

59.9581, 61.8859, 73.7508

Deuteranopia

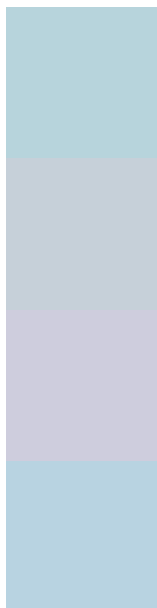
63.2849, 62.1073, 77.7597



Tritanopia

57.0650, 62.3803, 82.4317

Trichromacy



Original Color

55.9902, 62.3216, 76.7884

Protanomaly

58.3690, 62.1273, 74.5610

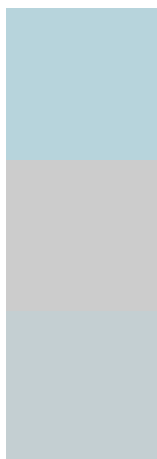
Deuteranomaly

60.3361, 62.0049, 77.1947

Tritanomaly

56.6520, 62.2151, 80.2570

Monochromacy



Original Color

55.9902, 62.3216, 76.7884

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.7106, 61.0146, 69.7608

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9902, 62.3216, 76.7884 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, 212, 220)` looks like.

```
.text, #text, p{  
    color:rgb(183, 212, 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, 212, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 212, 220) }
```

Border

The CSS property to change the border of an element to XYZ 55.9902, 62.3216, 76.7884 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, 212, 220) }
```


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

```
.border{ border-color:rgb(183, 212, 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, 212, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 212, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 212, 220);  
box-shadow:4px 4px 4px 4px rgb(183, 212,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9902, 62.3216, 76.7884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 212, 220) }
```

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

```
.background{ background-color: rgb(183,  
212, 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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