

Converting Colors

XYZ(62.0041, 68.9026, 82.6198)

Have a look what the booklet for
XYZ(62.0041, 68.9026, 82.6198)
contains.

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Color

**XYZ(61.9697, 68.7283,
82.6728)**

Conversions

Conversions Part 1

Format	Color
Hex	C2DDE3
RGB	194, 221, 227
RGB Percent	76%, 87%, 89%
CMY	0.2392, 0.1333, 0.1098
CMYK	0.15, 0.03, 0.00, 0.11
HSL	191°, 37%, 83%
HSV	191°, 15%, 89%
XYZ	61.9697, 68.7283, 82.6728
YIQ	213.6110, -18.0180, -3.8580

Conversions

Conversions Part 2

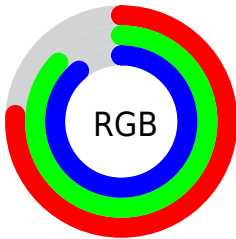
Format	Color
RYB	194, 209, 227
Decimal	12770787
CIELab	86.37, -7.69, -5.96
CIELCh	86, 9.726, 217.790
Yxy	68.7283, 0.2904, 0.3221
Android (android.graphics.Color)	4290960867 (0xFFC2DDE3)
YUV	213.6110, 6.6008, -17.1988
Hunter-Lab	82.9025, -11.6506, -1.0939

Details

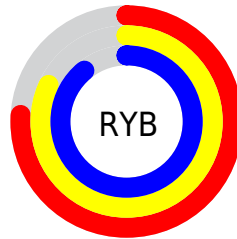
The XYZ color **61.9697, 68.7283, 82.6728** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.0709, 61.5343, 59.6459**, and the grayscale version is **63.6225, 66.9359, 72.8931**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **31.8978, 35.8264, 44.2637** is the 20% darker color. If you saturate the color by 10%, you get **55.5076, 63.8017, 82.0635**, and if you desaturate by 10%, it is **69.3525, 74.1729, 83.3357**.

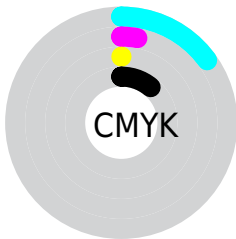
Distribution



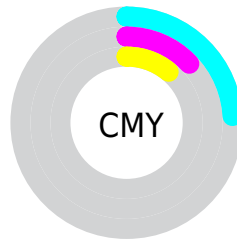
- Red (76%)
- Green (87%)
- Blue (89%)



- Red (76%)
- Yellow (82%)
- Blue (89%)



- Cyan (15%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (24%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.9697, 68.7283, 82.6728 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 61.9697, 68.7283, 82.6728 by changing the saturation by 10% instead.

■ 61.9697, 68.7283,
82.6728

■ 61.9697, 68.7283,
82.6728

421.5399,
456.0721, 523.8378

■ 45.2637, 50.4905,
61.3812

■ 106.7719,
117.3934, 138.9622

■ 31.8674, 35.8033,
44.1003

135.5989,
148.5895, 174.7972

■ 21.4153, 24.2823,
30.4116

169.1969,
184.8738, 216.3170

■ 13.5421, 15.5432,
19.8965

207.9313,
226.6307, 263.9402

■ 7.8824, 9.2015,
12.1365

252.1674,
274.2446, 318.0853

■ 4.0710, 4.8728,
6.7131

302.2706,

■ 1.7424, 2.1728,

328.0998, 379.1709

3.2076

358.6064,
388.5809, 447.6156

■ 0.4826, 0.7051,
1.2016

■ 0.0000, 0.0000,
0.0000

■ 61.9697, 68.7283,
82.6728

■ 61.9697, 68.7283,
82.6728

■ 55.5076, 63.8017,
82.0635

■ 69.3525, 74.1729,
83.3357

■ 49.9198, 59.3634,
81.5014

■ 77.6879, 80.1468,
84.0495

■ 45.1646, 55.3935,
80.9857

■ 84.3520, 85.2995,
84.6928

■ 41.1949, 51.8674,
80.5144

■ 85.5361, 87.6676,
85.0875

■ 37.9583, 48.7579,
80.0848

■ 86.7476, 90.0907,
85.4913

■ 35.3960, 46.0342,
79.6941

■ 87.9868, 92.5691,
85.9044

■ 33.4398, 43.6611,
79.3391

■ 89.2539, 95.1033,
86.3267

■ 32.0066, 41.5952,
79.0159

■ 90.5490, 97.6935,
86.7584

■ 31.3716, 40.5587,
78.8493

■ 90.8653, 98.3261,
86.8639

Harmonies

Analogous

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



61.1373, 68.7283, 76.5228



61.9697, 68.7283, 82.6728



63.7049, 68.7283, 86.8807

Triad

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



61.9697, 68.7283, 82.6728



69.4054, 68.7283, 79.6078



64.7405, 68.7283, 63.2336

Complementary

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



61.9697, 68.7283, 82.6728



62.0709, 61.5343, 59.6459

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.



66.9706, 68.7283, 63.9547



61.9697, 68.7283, 82.6728



69.6980, 68.7283, 73.1692

Square

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



61.9697, 68.7283, 82.6728



68.0070, 68.7283, 85.0416



68.7976, 68.7283, 67.5060



62.7129, 68.7283, 65.4767

Rectangle

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



61.9697, 68.7283, 82.6728



65.1577, 68.7283, 87.8884



68.7976, 68.7283, 67.5060



65.4909, 68.7283, 63.1399

Sweetspot

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



61.9717, 68.7312, 82.6743



90.8080, 96.9396, 108.5329



60.0854, 70.5555, 64.7906



19.2707, 20.6286, 23.2160



0.0000, 0.0000, 0.0000



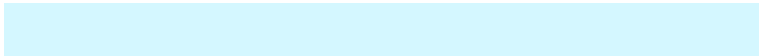
20.3446, 21.4041, 23.3091

Same Dimension

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



61.9717, 68.7312, 82.6743



78.3988, 87.7614, 107.4153



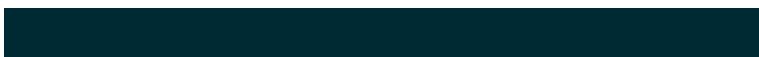
57.9458, 60.6793, 81.3324



14.5730, 15.8675, 18.4390



18.3747, 23.8115, 46.0108



1.4160, 1.8760, 3.4194

Inverse Universe

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



64.0231, 60.1363, 76.6430



81.5035, 74.8951, 98.2552



65.9732, 69.3389, 60.9467



14.8768, 14.5679, 17.5518



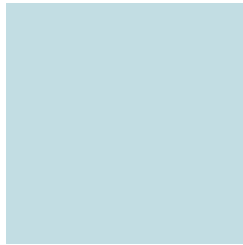
23.6682, 11.6015, 28.2114



1.7784, 0.8691, 2.2394

Previews

White Background



This preview shows how the XYZ color 61.9697, 68.7283, 82.6728 looks on a white background.

Color Contrast Check

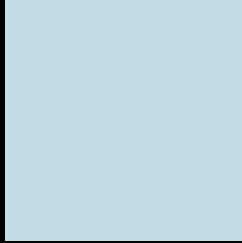
Large Text (above 18pt) WCAG AA × Fail

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 61.9697, 68.7283, 82.6728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

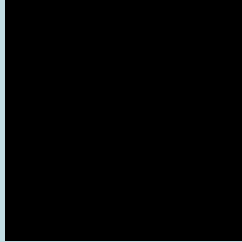
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.9697, 68.7283, 82.6728

Background



This preview shows how black text looks on a background with the XYZ color 61.9697, 68.7283, 82.6728.

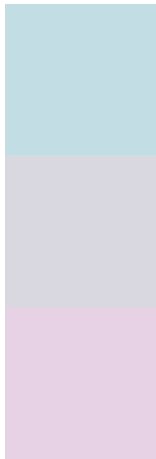


This preview shows how white text looks on a background with the XYZ color 61.9697, 68.7283,

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

61.9697, 68.7283, 82.6728

Protanopia

66.2350, 68.6803, 79.5777

Deuteranopia

69.5764, 68.0811, 83.6026



Tritanopia

63.3825, 68.5132, 90.0045

Trichromacy



Original Color

61.9697, 68.7283, 82.6728

Protanomaly

64.5619, 68.5628, 80.3522

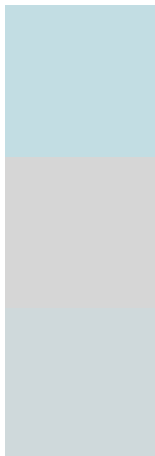
Deuteranomaly

66.4131, 67.9416, 83.0125

Tritanomaly

62.8069, 68.6717, 87.0355

Monochromacy



Original Color

61.9697, 68.7283, 82.6728

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.3312, 68.0056, 76.8063

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.9697, 68.7283, 82.6728 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(194, 221, 227)` looks like.

```
.text, #text, p{  
    color:rgb(194, 221, 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(194, 221, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 221, 227) }
```

Border

The CSS property to change the border of an element to XYZ 61.9697, 68.7283, 82.6728 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(194, 221, 227) }
```


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

```
.border{ border-color:rgb(194, 221, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 221, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 221, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 221, 227); box-shadow:4px 4px 4px 4px rgb(194, 221, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 61.9697, 68.7283, 82.6728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 221, 227) }
```

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

```
.background{ background-color: rgb(194,  
221, 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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