

Converting Colors

XYZ(62.3327, 68.2758, 86.7176)

Have a look what the booklet for
XYZ(62.3327, 68.2758, 86.7176)
contains.

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Color

**XYZ(62.5493, 68.5389,
87.0234)**

Conversions

Conversions Part 1

Format	Color
Hex	C2DCE9
RGB	194, 220, 233
RGB Percent	76%, 86%, 91%
CMY	0.2392, 0.1372, 0.0863
CMYK	0.17, 0.06, 0.00, 0.09
HSL	200°, 47%, 84%
HSV	200°, 17%, 91%
XYZ	62.5493, 68.5389, 87.0234
YIQ	213.7080, -19.6690, -1.4690

Conversions

Conversions Part 2

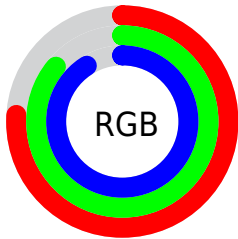
Format	Color
RYB	194, 210, 233
Decimal	12770537
CIELab	86.28, -5.93, -9.27
CIELCh	86, 11.004, 237.375
Yxy	68.5389, 0.2868, 0.3142
Android (android.graphics.Color)	4290960617 (0xFFC2DCE9)
YUV	213.7080, 9.5110, -17.2839
Hunter-Lab	82.7882, -10.0166, -4.3713

Details

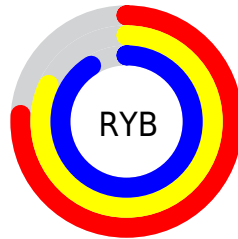
The XYZ color **62.5493, 68.5389, 87.0234** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.6552, 65.8443, 60.2891**, and the grayscale version is **63.6695, 66.9853, 72.9470**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **32.2062, 35.6600, 46.7806** is the 20% darker color. If you saturate the color by 10%, you get **55.0414, 61.7146, 86.1030**, and if you desaturate by 10%, it is **71.0935, 76.0415, 88.0223**.

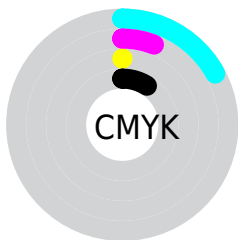
Distribution



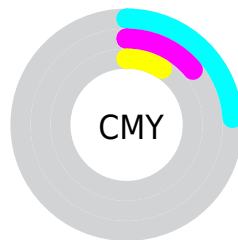
- Red (76%)
- Green (86%)
- Blue (91%)



- Red (76%)
- Yellow (82%)
- Blue (91%)



- Cyan (17%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (24%)
- Magenta (14%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.5493, 68.5389, 87.0234 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 62.5493, 68.5389, 87.0234 by changing the saturation by 10% instead.

■ 62.5493, 68.5389,
87.0234

■ 62.5493, 68.5389,
87.0234

423.6176,
455.4030, 538.6180

■ 45.7340, 50.3363,
64.9548

■ 107.6045,
117.1227, 145.0959

■ 32.2397, 35.6807,
46.9733

136.5751,
148.2728, 181.9369

■ 21.7011, 24.1877,
32.6604

170.3281,
184.5074, 224.5392

■ 13.7528, 15.4729,
21.5974

209.2290,
226.2110, 273.3212

■ 8.0295, 9.1519,
13.3659

253.6430,
273.7679, 328.7016

■ 4.1658, 4.8404,
7.5473

303.9355,

■ 1.7963, 2.1539,

327.5626, 391.0988

3.7231

360.4720,
387.9795, 460.9314

■ 0.5155, 0.6947,
1.4747

■ 0.0000, 0.0000,
0.1990

■ 62.5493, 68.5389,
87.0234

■ 62.5493, 68.5389,
87.0234

■ 55.0414, 61.7146,
86.1030

■ 71.0935, 76.0415,
88.0223

■ 48.5189, 55.5352,
85.2540

■ 80.7099, 84.2374,
89.0975

■ 42.9355, 49.9767,
84.4754

■ 88.0885, 91.4239,
90.0957

■ 38.2385, 45.0099,
83.7643

■ 90.4656, 96.1780,
90.8880

■ 34.3698, 40.6028,
83.1175

■ 91.7082, 98.6633,
91.3022

■ 31.2635, 36.7195,
82.5317

■ 28.8429, 33.3182,
82.0028

■ 27.0105, 30.3467,
81.5258

■ 26.4881, 29.4431,
81.3789

Harmonies

Analogous

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



60.9074, 68.5389, 81.2375



62.5493, 68.5389, 87.0234



64.9210, 68.5389, 89.4720

Triad

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



62.5493, 68.5389, 87.0234



70.1400, 68.5389, 75.2689



62.9267, 68.5389, 62.8953

Complementary

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



62.5493, 68.5389, 87.0234



65.6552, 65.8443, 60.2891

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.



65.3678, 68.5389, 61.5225



62.5493, 68.5389, 87.0234



69.5730, 68.5389, 68.3856

Square

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



62.5493, 68.5389, 87.0234



69.3398, 68.5389, 82.4159



67.8098, 68.5389, 63.4679



61.1213, 68.5389, 67.3454

Rectangle

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



62.5493, 68.5389, 87.0234



66.6119, 68.5389, 88.7709



67.8098, 68.5389, 63.4679



63.6982, 68.5389, 62.0718

Sweetspot

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



62.5513, 68.5417, 87.0249



89.1732, 94.9804, 108.2409



62.5715, 74.2216, 69.6453



18.9157, 20.1824, 23.1486



0.0000, 0.0000, 0.0000



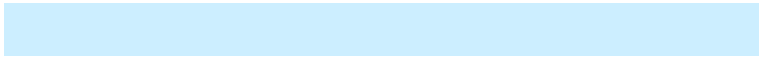
20.3446, 21.4041, 23.3091

Same Dimension

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



62.5513, 68.5417, 87.0249



73.5275, 81.2086, 106.4073



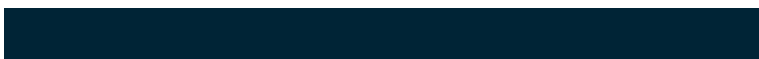
57.8791, 59.1972, 85.4675



15.0703, 16.2270, 19.2601



15.1482, 16.9434, 46.2150



1.2773, 1.5060, 3.6582

Inverse Universe

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



65.8159, 61.0760, 76.0333



78.2660, 70.6190, 90.3976



70.4986, 75.5311, 61.9036



15.4890, 15.2235, 17.8605



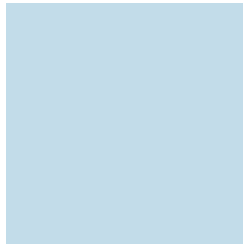
22.5014, 11.2033, 18.9736



1.8112, 0.8974, 1.7232

Previews

White Background



This preview shows how the XYZ color 62.5493, 68.5389, 87.0234 looks on a white background.

Color Contrast Check

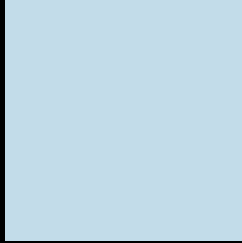
Large Text (above 18pt) WCAG AA × Fail

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 62.5493, 68.5389, 87.0234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

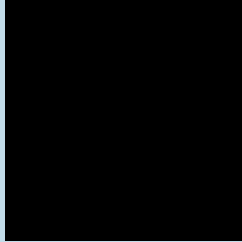
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

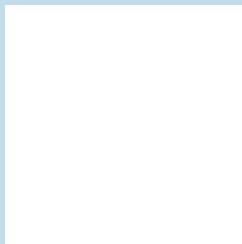
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.5493, 68.5389, 87.0234

Background



This preview shows how black text looks on a background with the XYZ color 62.5493, 68.5389, 87.0234.

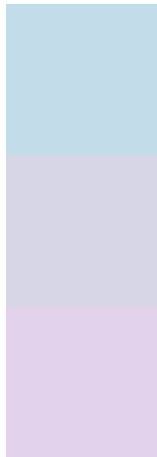


This preview shows how white text looks on a background with the XYZ color 62.5493, 68.5389,

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

62.5493, 68.5389, 87.0234

Protanopia

66.2138, 68.1974, 83.8023

Deuteranopia

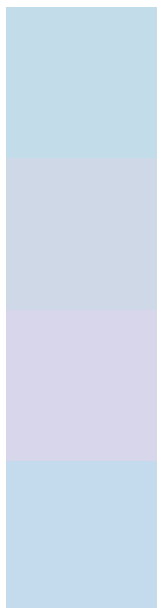
69.7205, 68.4222, 88.1294



Tritanopia

63.1233, 68.3796, 89.9924

Trichromacy



Original Color

62.5493, 68.5389, 87.0234

Protanomaly

64.5709, 68.0903, 84.6024

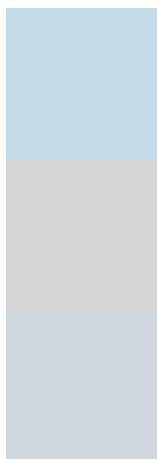
Deuteranomaly

66.9222, 68.4807, 87.5328

Tritanomaly

62.9775, 68.3213, 89.2249

Monochromacy



Original Color

62.5493, 68.5389, 87.0234

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.3391, 67.5976, 78.1159

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.5493, 68.5389, 87.0234 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, 220, 233)` looks like.

```
.text, #text, p{  
    color:rgb(194, 220, 233)  
}
```

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, 220, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 220, 233) }
```

Border

The CSS property to change the border of an element to XYZ 62.5493, 68.5389, 87.0234 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, 220, 233) }
```


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

```
.border{ border-color:rgb(194, 220, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 220, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 220, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 220, 233);  
box-shadow:4px 4px 4px 4px rgb(194, 220,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 62.5493, 68.5389, 87.0234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 220, 233) }
```

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

```
.background{ background-color: rgb(194,  
220, 233) }
```

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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