

Converting Colors

XYZ(62.7058, 66.7355, 80.6236)

Have a look what the booklet for
XYZ(62.7058, 66.7355, 80.6236)
contains.

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Color

**XYZ(62.7929, 66.8745,
80.8327)**

Conversions

Conversions Part 1

Format	Color
Hex	CCD7E1
RGB	204, 215, 225
RGB Percent	80%, 84%, 88%
CMY	0.2000, 0.1568, 0.1176
CMYK	0.09, 0.04, 0.00, 0.12
HSL	209°, 26%, 84%
HSV	209°, 9%, 88%
XYZ	62.7929, 66.8745, 80.8327
YIQ	212.8510, -9.7660, 0.7780

Conversions

Conversions Part 2

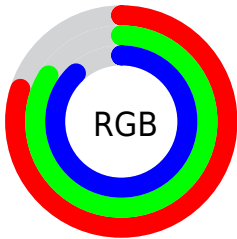
Format	Color
RYB	204, 211, 225
Decimal	13424609
CIELab	85.44, -1.77, -6.20
CIELCh	85, 6.445, 254.050
Yxy	66.8745, 0.2983, 0.3177
Android (android.graphics.Color)	4291614689 (0xFFCCD7E1)
YUV	212.8510, 5.9895, -7.7623
Hunter-Lab	81.7768, -6.0470, -1.3617

Details

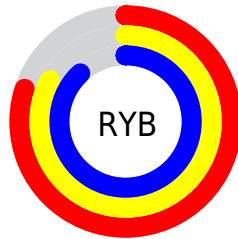
The XYZ color **62.7929, 66.8745, 80.8327** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9973, 68.4599, 66.8636**, and the grayscale version is **63.1138, 66.4007, 72.3103**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.4042, 34.5279, 42.9869** is the 20% darker color. If you saturate the color by 10%, you get **54.4275, 58.6464, 79.6865**, and if you desaturate by 10%, it is **72.2317, 75.9246, 82.0831**.

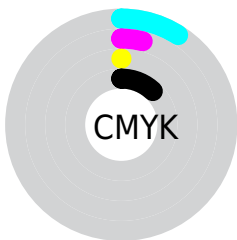
Distribution



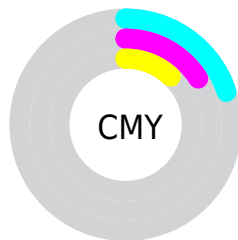
- Red (80%)
- Green (84%)
- Blue (88%)



- Red (80%)
- Yellow (83%)
- Blue (88%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (20%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7929, 66.8745, 80.8327 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 62.7929, 66.8745, 80.8327 by changing the saturation by 10% instead.

■ 62.7929, 66.8745,
80.8327

■ 62.7929, 66.8745,
80.8327

424.4891,
449.4979, 517.5153

■ 45.9317, 48.9826,
59.8736

107.9542,
114.7406, 136.3578

■ 32.3963, 34.6057,
42.8922

136.9849,
145.4836, 171.7609

■ 21.8214, 23.3593,
29.4697

170.8030,
181.2791, 212.8157

■ 13.8416, 14.8590,
19.1878

209.7736,
222.5115, 259.9409

■ 8.0915, 8.7205,
11.6279

254.2621,
269.5652, 313.5549

■ 4.2059, 4.5593,
6.3714

304.6340,

■ 1.8193, 1.9911,

322.8245, 374.0762

2.9998

361.2546,
382.6740, 441.9235

■ 0.5292, 0.6023,
1.0945

■ 0.0000, 0.0000,
0.0000

■ 62.7929, 66.8745,
80.8327

■ 62.7929, 66.8745,
80.8327

■ 54.4275, 58.6464,
79.6865

■ 72.2317, 75.9246,
82.0831

■ 47.0883, 51.2056,
78.6371

■ 82.7770, 85.8134,
83.4360

■ 40.7329, 44.5268,
77.6829

■ 88.1337, 93.3021,
84.5992

■ 35.3136, 38.5802,
76.8207

■ 90.5908, 98.2163,
85.4182

■ 30.7784, 33.3334,
76.0470

■ 27.0698, 28.7509,
75.3580

■ 24.1224, 24.7933,
74.7494

■ 21.8596, 21.4147,
74.2165

■ 20.1597, 18.5461,
73.7524

Harmonies

Analogous

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



61.5633, 66.8745, 78.5568



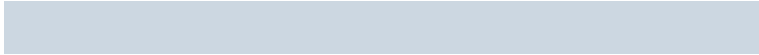
62.7929, 66.8745, 80.8327



64.2470, 66.8745, 80.9068

Triad

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



62.7929, 66.8745, 80.8327



66.3282, 66.8745, 70.8781



61.6278, 66.8745, 67.1809

Complementary

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



62.7929, 66.8745, 80.8327



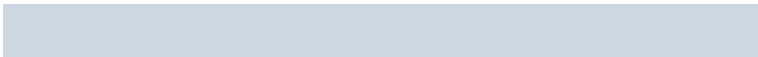
65.9973, 68.4599, 66.8636

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.



62.8823, 66.8745, 65.2815



62.7929, 66.8745, 80.8327



65.6040, 66.8745, 67.3600

Square

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



62.7929, 66.8745, 80.8327



66.3034, 66.8745, 75.0496



64.3378, 66.8745, 65.3457



60.8977, 66.8745, 70.6251

Rectangle

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



62.7929, 66.8745, 80.8327



65.1491, 66.8745, 79.6907



64.3378, 66.8745, 65.3457



62.0013, 66.8745, 66.3466

Sweetspot

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



62.7948, 66.8773, 80.8342



91.1405, 96.2763, 108.3873



63.9403, 71.5338, 73.9230



19.2890, 20.3977, 23.1705



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.



62.7948, 66.8773, 80.8342



81.3600, 86.8371, 107.0809



60.2532, 61.7941, 79.9870



13.5434, 14.4258, 17.4583



11.6752, 10.8200, 42.5215



0.8988, 0.9290, 2.9772

Inverse Universe

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



64.9115, 64.1010, 73.2448



84.6695, 82.5604, 95.2000



68.6879, 73.8410, 67.7604



14.0057, 13.8199, 15.8003



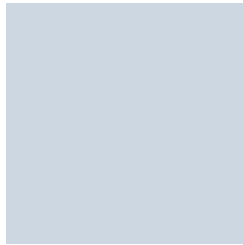
19.8333, 10.0003, 11.0539



1.4199, 0.7112, 1.0041

Previews

White Background



This preview shows how the XYZ color 62.7929, 66.8745, 80.8327 looks on a white background.

Color Contrast Check

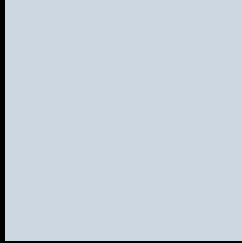
Large Text (above 18pt) WCAG AA × Fail

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 62.7929, 66.8745, 80.8327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

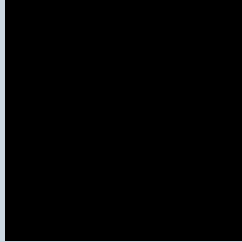
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

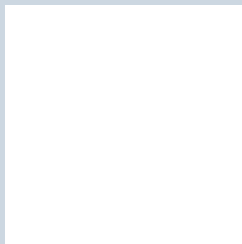
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.7929, 66.8745, 80.8327

Background



This preview shows how black text looks on a background with the XYZ color 62.7929, 66.8745, 80.8327.

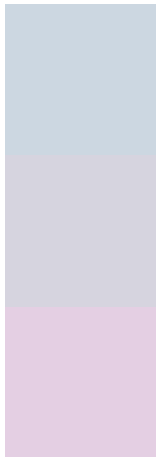


This preview shows how white text looks on a background with the XYZ color 62.7929, 66.8745,

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

62.7929, 66.8745, 80.8327

Protanopia

64.5943, 66.7108, 79.2840

Deuteranopia

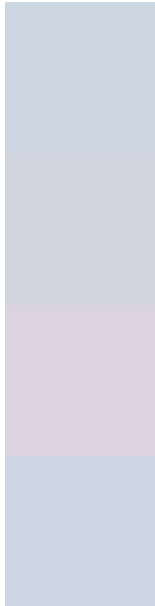
68.1729, 66.6657, 81.9477



Tritanopia

63.6472, 66.8418, 85.1485

Trichromacy



Original Color

62.7929, 66.8745, 80.8327

Protanomaly

63.8271, 66.6720, 80.0259

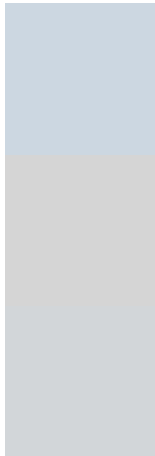
Deuteranomaly

65.9875, 66.6442, 81.3372

Tritanomaly

63.3663, 66.7294, 83.6690

Monochromacy



Original Color

62.7929, 66.8745, 80.8327

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.1493, 66.8045, 75.2119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7929, 66.8745, 80.8327 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(204, 215, 225) looks like.

```
.text, #text, p{  
    color:rgb(204, 215, 225)  
}
```

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(204, 215, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 215, 225) }
```

Border

The CSS property to change the border of an element to XYZ 62.7929, 66.8745, 80.8327 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(204, 215, 225) }
```


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

```
.border{ border-color:rgb(204, 215, 225) }
```

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

Here you see how a box with a 4 pixel rgb(204, 215, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 215, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 215, 225);  
box-shadow:4px 4px 4px 4px rgb(204, 215,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7929, 66.8745, 80.8327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 215, 225) }
```

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

```
.background{ background-color: rgb(204,  
215, 225) }
```

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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