

Converting Colors

XYZ(62.9077, 67.6404, 76.4330)

Have a look what the booklet for
XYZ(62.9077, 67.6404, 76.4330)
contains.

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Color

**XYZ(63.0526, 67.8620,
76.7933)**

Conversions

Conversions Part 1

Format	Color
Hex	CED9DB
RGB	206, 217, 219
RGB Percent	81%, 85%, 86%
CMY	0.1922, 0.1490, 0.1412
CMYK	0.06, 0.01, 0.00, 0.14
HSL	189°, 15%, 83%
HSV	189°, 6%, 86%
XYZ	63.0526, 67.8620, 76.7933
YIQ	213.9390, -7.1980, -1.7100

Conversions

Conversions Part 2

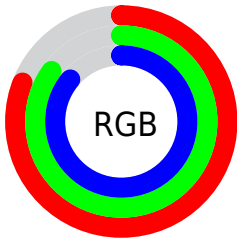
Format	Color
R _Y B	206, 212, 219
Decimal	13556187
CIE Lab	85.94, -3.31, -2.27
CIE LCh	86, 4.018, 214.442
Yxy	67.8620, 0.3036, 0.3267
Android (android.graphics.Color)	4291746267 (0xFFCED9DB)
YUV	213.9390, 2.4951, -6.9625
Hunter-Lab	82.3784, -7.5379, 2.3946

Details

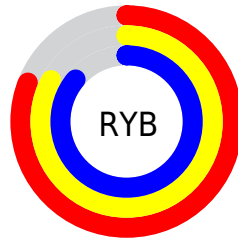
The XYZ color **63.0526, 67.8620, 76.7933** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.9100, 64.6274, 67.5521**, and the grayscale version is **63.8643, 67.1902, 73.1702**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.5701, 35.1964, 40.1989** is the 20% darker color. If you saturate the color by 10%, you get **56.5338, 63.2294, 76.2437**, and if you desaturate by 10%, it is **70.4401, 72.9724, 77.3914**.

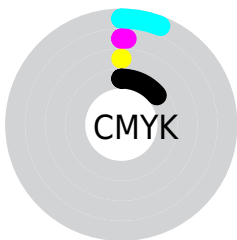
Distribution



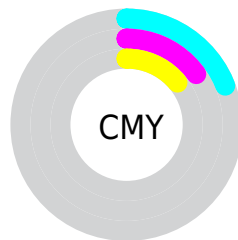
- Red (81%)
- Green (85%)
- Blue (86%)



- Red (81%)
- Yellow (83%)
- Blue (86%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (14%)



- Cyan (19%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0526, 67.8620, 76.7933 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 63.0526, 67.8620, 76.7933 by changing the saturation by 10% instead.

■ 63.0526, 67.8620,
76.7933

■ 63.0526, 67.8620,
76.7933

425.4170,
453.0069, 503.4779

■ 46.1426, 49.7855,
56.5727

108.3268,
116.1547, 130.6180

■ 32.5634, 35.2430,
40.2552

137.4216,
147.1397, 165.0592

■ 21.9499, 23.8501,
27.4223

171.3088,
183.1962, 205.0776

■ 13.9365, 15.2225,
17.6554

210.3537,
224.7088, 251.0919

■ 8.1579, 8.9757,
10.5360

254.9216,
272.0618, 303.5205

■ 4.2488, 4.7253,
5.6455

305.3778,

■ 1.8438, 2.0870,

325.6395, 362.7821

2.5655

362.0879,
385.8264, 429.2950

■ 0.5439, 0.6573,
0.8746

■ 0.0000, 0.0000,
0.0000

■ 63.0526, 67.8620,
76.7933

■ 63.0526, 67.8620,
76.7933

■ 56.5338, 63.2294,
76.2437

■ 70.4401, 72.9724,
77.3914

■ 50.8429, 59.0477,
75.7365

■ 78.7233, 78.5692,
78.0351

■ 45.9446, 55.3006,
75.2714

■ 81.5215, 81.3648,
78.4272

■ 41.7986, 51.9671,
74.8465

■ 82.4510, 83.2237,
78.7370

■ 38.3610, 49.0244,
74.4597

■ 83.3985, 85.1188,
79.0529

■ 35.5834, 46.4473,
74.1087

■ 84.3642, 87.0502,
79.3748

■ 33.4110, 44.2076,
73.7909

■ 85.3482, 89.0182,
79.7028

■ 31.7802, 42.2722,
73.5033

■ 86.3506, 91.0229,
80.0369

■ 30.6119, 40.6002,
73.2421

■ 87.3714, 93.0646,
80.3772

Harmonies

Analogous

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



62.7528, 67.8620, 74.2833



63.0526, 67.8620, 76.7933



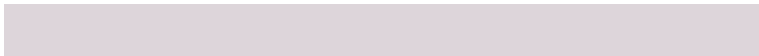
63.7405, 67.8620, 78.5565

Triad

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



63.0526, 67.8620, 76.7933



66.1102, 67.8620, 76.0979



64.3639, 67.8620, 68.9524

Complementary

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



63.0526, 67.8620, 76.7933



62.9100, 64.6274, 67.5521

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.



65.2671, 67.8620, 69.4124



63.0526, 67.8620, 76.7933



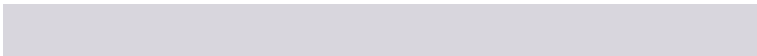
66.2810, 67.8620, 73.4984

Square

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



63.0526, 67.8620, 76.7933



65.5067, 67.8620, 78.1484



65.9710, 67.8620, 71.0612



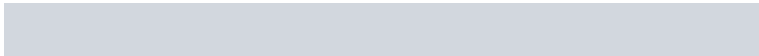
63.5053, 67.8620, 69.7895

Rectangle

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



63.0526, 67.8620, 76.7933



64.3296, 67.8620, 79.0492



65.9710, 67.8620, 71.0612



64.6723, 67.8620, 68.9606

Sweetspot

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



63.0545, 67.8649, 76.7948



92.9492, 98.5468, 108.7302



62.1651, 68.3375, 69.5572



19.9170, 21.1083, 23.2745



0.0000, 0.0000, 0.0000



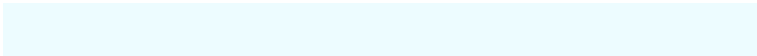
20.3446, 21.4041, 23.3091

Same Dimension

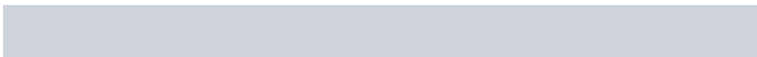
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.0545, 67.8649, 76.7948



87.9168, 95.0337, 108.3174



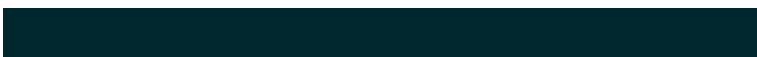
61.4234, 64.6026, 76.2511



13.5432, 14.6670, 16.7693



17.9795, 23.8285, 43.3901



1.2118, 1.6377, 2.8267

Inverse Universe

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



63.8106, 64.2136, 74.6804



89.1794, 88.9600, 104.7812



64.5156, 67.8386, 68.0873



13.7517, 13.6654, 16.1849



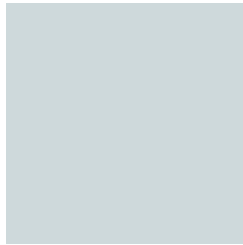
22.5706, 11.0293, 28.4484



1.4860, 0.7240, 1.9679

Previews

White Background



This preview shows how the XYZ color 63.0526, 67.8620, 76.7933 looks on a white background.

Color Contrast Check

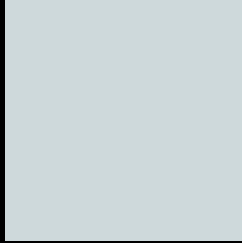
Large Text (above 18pt) WCAG AA × Fail

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 63.0526, 67.8620, 76.7933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

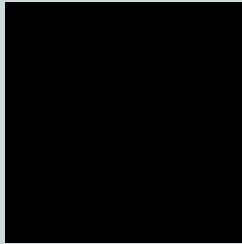
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

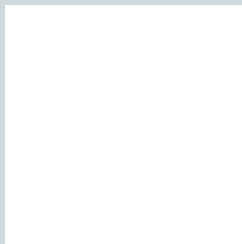
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.0526, 67.8620, 76.7933

Background



This preview shows how black text looks on a background with the XYZ color 63.0526, 67.8620, 76.7933.

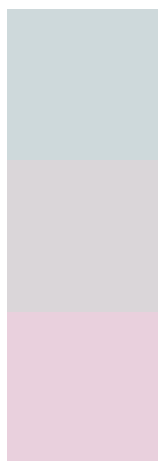


This preview shows how white text looks on a background with the XYZ color 63.0526, 67.8620,

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

63.0526, 67.8620, 76.7933

Protanopia

65.4844, 68.0083, 75.3212

Deuteranopia

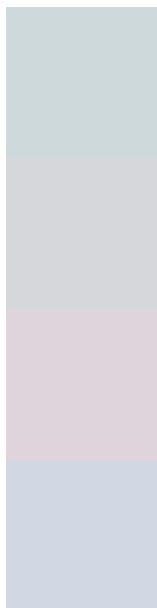
69.2113, 67.6558, 77.8177



Tritanopia

64.8784, 67.8370, 86.0183

Trichromacy



Original Color

63.0526, 67.8620, 76.7933

Protanomaly

64.6869, 67.9590, 76.0377

Deuteranomaly

66.6440, 67.4438, 77.2156

Tritanomaly

64.1531, 67.9232, 82.4023

Monochromacy



Original Color

63.0526, 67.8620, 76.7933

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.5591, 67.4076, 74.6268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0526, 67.8620, 76.7933 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(206, 217, 219) looks like.

```
.text, #text, p{  
    color:rgb(206, 217, 219)  
}
```

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(206, 217, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 217, 219) }
```

Border

The CSS property to change the border of an element to XYZ 63.0526, 67.8620, 76.7933 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(206, 217, 219) }
```


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

```
.border{ border-color:rgb(206, 217, 219) }
```

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

Here you see how a box with a 4 pixel rgb(206, 217, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 217, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 217, 219);  
box-shadow:4px 4px 4px 4px rgb(206, 217,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0526, 67.8620, 76.7933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 217, 219) }
```

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

```
.background{ background-color: rgb(206,  
217, 219) }
```

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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