

Converting Colors

XYZ(60.2653, 62.2124, 79.9733)

Have a look what the booklet for
XYZ(60.2653, 62.2124, 79.9733)
contains.

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Color

**XYZ(60.2905, 62.2754,
80.0769)**

Conversions

Conversions Part 1

Format	Color
Hex	CBCEE1
RGB	203, 206, 225
RGB Percent	80%, 81%, 88%
CMY	0.2039, 0.1921, 0.1176
CMYK	0.10, 0.08, 0.00, 0.12
HSL	232°, 27%, 84%
HSV	232°, 10%, 88%
XYZ	60.2905, 62.2754, 80.0769
YIQ	207.2690, -7.8870, 5.2730

Conversions

Conversions Part 2

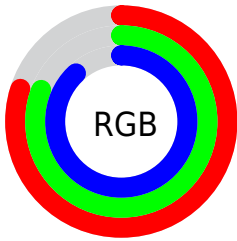
Format	Color
R _Y B	203, 206, 225
Decimal	13356769
CIE Lab	83.06, 2.63, -9.74
CIE LCh	83, 10.084, 285.105
Yxy	62.2754, 0.2975, 0.3073
Android (android.graphics.Color)	4291546849 (0xFFC BCEE1)
YUV	207.2690, 8.7414, -3.7439
Hunter-Lab	78.9148, -1.7277, -4.9228

Details

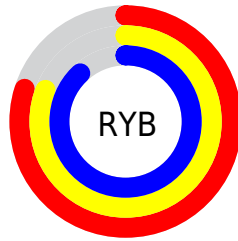
The XYZ color **60.2905, 62.2754, 80.0769** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.9523, 72.5613, 66.9252**, and the grayscale version is **59.4321, 62.5272, 68.0922**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.8784, 31.7483, 42.5308** is the 20% darker color. If you saturate the color by 10%, you get **50.2107, 50.5610, 78.3480**, and if you desaturate by 10%, it is **71.8414, 75.6098, 82.0429**.

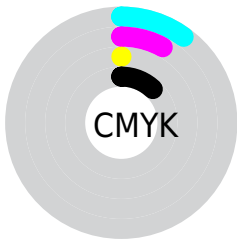
Distribution



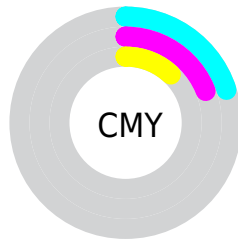
- Red (80%)
- Green (81%)
- Blue (88%)



- Red (80%)
- Yellow (81%)
- Blue (88%)



- Cyan (10%)
- Magenta (8%)
- Yellow (0%)
- Black (12%)



- Cyan (20%)
- Magenta (19%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2905, 62.2754, 80.0769 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 60.2905, 62.2754, 80.0769 by changing the saturation by 10% instead.

■ 60.2905, 62.2754,
80.0769

■ 60.2905, 62.2754,
80.0769

415.4853,
432.9349, 514.9056

■ 43.9032, 45.2553,
59.2551

104.3549,
108.1235, 135.2862

■ 30.7920, 31.6585,
42.3971

132.7627,
137.7202, 170.5108

■ 20.5916, 21.1008,
29.0845

165.9081,
172.2779, 211.3734

■ 12.9365, 13.1977,
18.8986

204.1563,
212.1810, 258.2926

■ 7.4615, 7.5648,
11.4210

247.8728,
257.8138, 311.6868

■ 3.8013, 3.8178,
6.2330

297.4229,

■ 1.5903, 1.5722,

309.5608, 371.9747

2.9162

353.1719,
367.8064, 439.5748

■ 0.3861, 0.3387,
1.0520

■ 0.0000, 0.0000,
0.0000

■ 60.2905, 62.2754,
80.0769

■ 60.2905, 62.2754,
80.0769

■ 50.2107, 50.5610,
78.3480

■ 71.8414, 75.6098,
82.0429

■ 41.5374, 40.3971,
76.8433

■ 84.9136, 90.6146,
84.2501

■ 34.2092, 31.7206,
75.5548

■ 90.5908, 98.2163,
85.4182

■ 28.1581, 24.4612,
74.4726

■ 23.3100, 18.5429,
73.5857

■ 19.5833, 13.8823,
72.8826

■ 16.8856, 10.3865,
72.3500

■ 15.1095, 7.9492,
71.9732

■ 14.0909, 6.4272,
71.7331

Harmonies

Analogous

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



58.1194, 62.2754, 80.0896



60.2905, 62.2754, 80.0769



62.2118, 62.2754, 76.6430

Triad

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



60.2905, 62.2754, 80.0769



62.2006, 62.2754, 59.6497



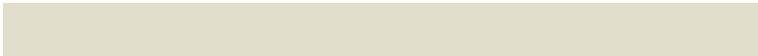
55.2297, 62.2754, 64.7665

Complementary

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



60.2905, 62.2754, 80.0769



67.9523, 72.5613, 66.9252

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.



56.2694, 62.2754, 59.6782



60.2905, 62.2754, 80.0769



60.2755, 62.2754, 56.8497

Square

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



60.2905, 62.2754, 80.0769



63.3329, 62.2754, 64.7254



58.1048, 62.2754, 56.8598



55.2335, 62.2754, 70.9856

Rectangle

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



60.2905, 62.2754, 80.0769



63.0772, 62.2754, 72.9902



58.1048, 62.2754, 56.8598



55.4676, 62.2754, 62.8758

Sweetspot

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



60.2923, 62.2780, 80.0783



90.2201, 94.4354, 108.0805



64.6995, 71.8059, 79.3475



19.0411, 19.9020, 23.0878



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.



60.2923, 62.2780, 80.0783



76.8170, 78.9362, 105.7953



61.7257, 61.9538, 79.9402



13.1022, 13.5435, 17.3113



8.1585, 3.7866, 41.3493



0.6146, 0.3607, 2.8825

Inverse Universe

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



63.5493, 63.1769, 67.2406



82.0872, 80.4201, 85.0157



66.4103, 72.9610, 67.0837



13.7830, 13.7308, 14.6277



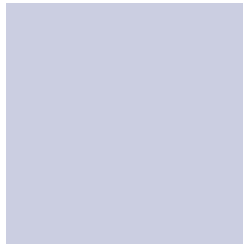
18.0583, 9.2903, 1.7066



1.2765, 0.6539, 0.2489

Previews

White Background



This preview shows how the XYZ color 60.2905, 62.2754, 80.0769 looks on a white background.

Color Contrast Check

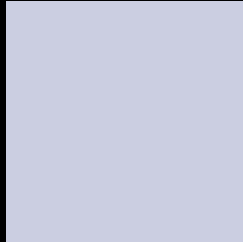
Large Text (above 18pt) WCAG AA × Fail

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 60.2905, 62.2754, 80.0769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

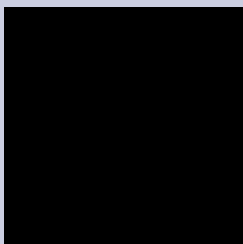
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

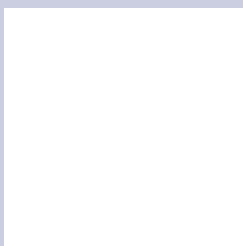
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.2905, 62.2754, 80.0769

Background



This preview shows how black text looks on a background with the XYZ color 60.2905, 62.2754, 80.0769.

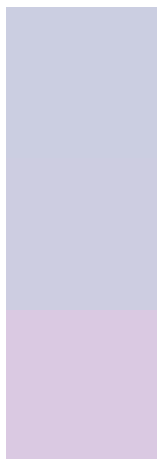


This preview shows how white text looks on a background with the XYZ color 60.2905, 62.2754,

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

60.2905, 62.2754, 80.0769

Protanopia

60.5988, 62.0780, 80.0225

Deuteranopia

63.5276, 62.1697, 80.6032



Tritanopia

60.0192, 62.1668, 78.6481

Trichromacy



Original Color

60.2905, 62.2754, 80.0769

Protanomaly

60.3238, 61.9363, 80.0097

Deuteranomaly

62.5240, 62.3490, 80.6907

Tritanomaly

60.1545, 62.2209, 79.3604

Monochromacy



Original Color

60.2905, 62.2754, 80.0769

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.9040, 62.6025, 72.5445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2905, 62.2754, 80.0769 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(203, 206, 225) looks like.

```
.text, #text, p{  
    color:rgb(203, 206, 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(203, 206, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 206, 225) }
```

Border

The CSS property to change the border of an element to XYZ 60.2905, 62.2754, 80.0769 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(203, 206, 225) }
```


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

```
.border{ border-color:rgb(203, 206, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 206, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 206, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 206, 225);  
box-shadow:4px 4px 4px 4px rgb(203, 206,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2905, 62.2754, 80.0769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 206, 225) }
```

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

```
.background{ background-color: rgb(203,  
206, 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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