

Converting Colors

XYZ(58.3996, 60.8692, 70.6027)

Have a look what the booklet for
XYZ(58.3996, 60.8692, 70.6027)
contains.

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Color

**XYZ(58.2526, 60.7262,
70.2791)**

Conversions

Conversions Part 1

Format	Color
Hex	CCCCD3
RGB	204, 204, 211
RGB Percent	80%, 80%, 83%
CMY	0.2000, 0.2000, 0.1725
CMYK	0.03, 0.03, 0.00, 0.17
HSL	240°, 7%, 81%
HSV	240°, 3%, 83%
XYZ	58.2526, 60.7262, 70.2791
YIQ	204.7980, -2.2470, 2.1770

Conversions

Conversions Part 2

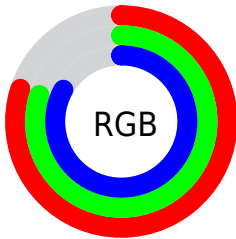
Format	Color
R _Y B	204, 204, 211
Decimal	13421779
CIE Lab	82.23, 1.30, -3.48
CIE LCh	82, 3.714, 290.522
Yxy	60.7262, 0.3078, 0.3209
Android (android.graphics.Color)	4291611859 (0xFFCCCCD3)
YUV	204.7980, 3.0576, -0.6998
Hunter-Lab	77.9270, -2.9386, 1.0778

Details

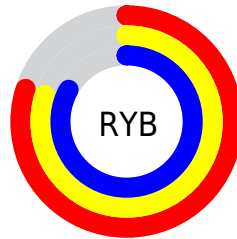
The XYZ color **58.2526, 60.7262, 70.2791** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.0575, 64.7966, 66.4168**, and the grayscale version is **57.8837, 60.8981, 66.3180**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.5698, 30.7310, 36.2715** is the 20% darker color. If you saturate the color by 10%, you get **48.1787, 48.5897, 68.4684**, and if you desaturate by 10%, it is **69.7923, 74.6295, 72.3554**.

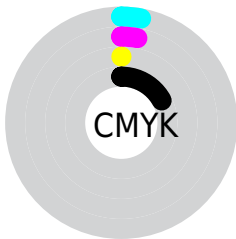
Distribution



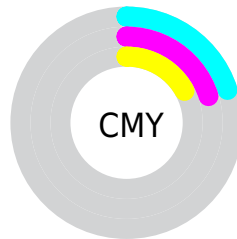
- Red (80%)
- Green (80%)
- Blue (83%)



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



- Cyan (3%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)



- Cyan (20%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2526, 60.7262, 70.2791 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 58.2526, 60.7262, 70.2791 by changing the saturation by 10% instead.

■ 58.2526, 60.7262,
70.2791

■ 58.2526, 60.7262,
70.2791

408.0652,
427.2694, 480.3449

■ 42.2558, 44.0042,
51.2759

101.4115,
105.8824, 121.2915

■ 29.4936, 30.6738,
36.0500

129.3042,
135.0854, 154.1378

■ 19.6007, 20.3506,
24.1828

161.8931,
169.2176, 192.4356

■ 12.2117, 12.6502,
15.2558

199.5433,
208.6633, 236.6033

■ 6.9613, 7.1881,
8.8505

242.6203,
253.8069, 287.0596

■ 3.4840, 3.5800,
4.5483

291.4893,

■ 1.4146, 1.4415,

305.0329, 344.2229

1.9307

346.5159,
362.7256, 408.5119

■ 0.2666, 0.2470,
0.5122

■ 0.0000, 0.0000,
0.0000

■ 58.2526, 60.7262,
70.2791

■ 58.2526, 60.7262,
70.2791

■ 48.1787, 48.5897,
68.4684

■ 69.7923, 74.6295,
72.3554

■ 39.5070, 38.1418,
66.9088

■ 82.8478, 90.3582,
74.7033

■ 32.1770, 29.3102,
65.5905

■ 88.7580, 97.4832,
75.7670

■ 26.1218, 22.0142,
64.5013

■ 21.2684, 16.1661,
63.6283

■ 17.5370, 11.6696,
62.9571

■ 14.8377, 8.4166,
62.4715

■ 13.0671, 6.2823,
62.1528

■ 12.1002, 5.1164,
61.9787

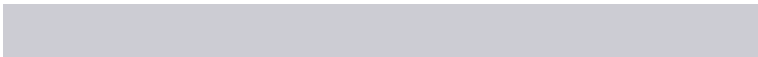
Harmonies

Analogous

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



57.4687, 60.7262, 70.5050



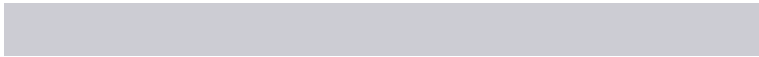
58.2526, 60.7262, 70.2791



58.8989, 60.7262, 68.9252

Triad

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



58.2526, 60.7262, 70.2791



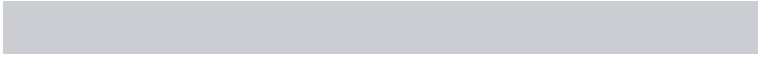
58.6896, 60.7262, 62.8191



56.2331, 60.7262, 65.4067

Complementary

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



58.2526, 60.7262, 70.2791



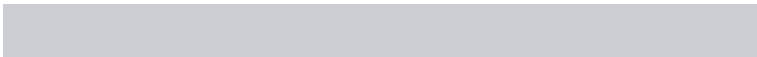
61.0575, 64.7966, 66.4168

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.



56.5538, 60.7262, 63.3930



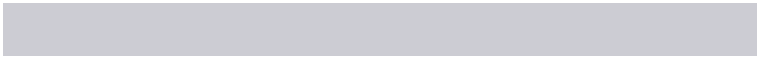
58.2526, 60.7262, 70.2791



57.9689, 60.7262, 61.9216

Square

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



58.2526, 60.7262, 70.2791



59.1528, 60.7262, 64.6071



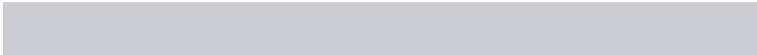
57.1875, 60.7262, 62.1293



56.3074, 60.7262, 67.6574

Rectangle

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



58.2526, 60.7262, 70.2791



59.1624, 60.7262, 67.5818



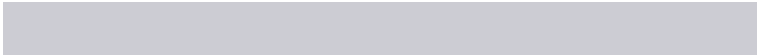
57.1875, 60.7262, 62.1293



56.2981, 60.7262, 64.6805

Sweetspot

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



58.2543, 60.7288, 70.2804



93.3103, 97.9040, 108.5871



59.9404, 64.1242, 70.7703



19.9906, 20.9776, 23.2454



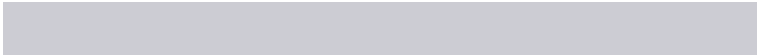
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



58.2543, 60.7288, 70.2804



88.2297, 91.7830, 107.6734



59.1911, 61.2107, 70.3241



12.2003, 12.6669, 15.0456



7.0966, 2.8399, 37.3666



0.3969, 0.1591, 2.0894

Inverse Universe

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



59.3573, 61.3955, 65.8517



90.2835, 93.0245, 99.4267



60.0991, 64.3036, 66.3721



12.5331, 12.8681, 13.7091



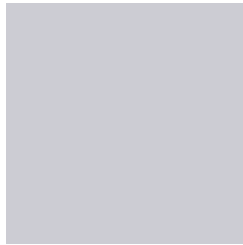
16.2128, 8.3580, 0.7608



0.9066, 0.4674, 0.0429

Previews

White Background



This preview shows how the XYZ color 58.2526, 60.7262, 70.2791 looks on a white background.

Color Contrast Check

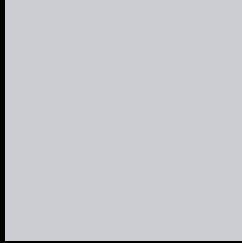
Large Text (above 18pt) WCAG AA × Fail

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 58.2526, 60.7262, 70.2791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

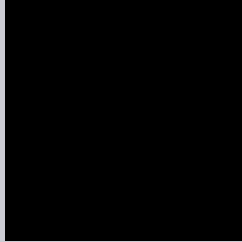
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.2526, 60.7262, 70.2791

Background



This preview shows how black text looks on a background with the XYZ color 58.2526, 60.7262, 70.2791.

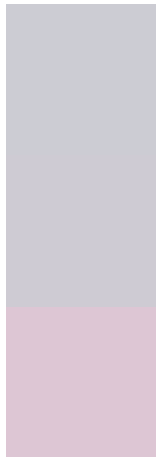


This preview shows how white text looks on a background with the XYZ color 58.2526, 60.7262,

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

58.2526, 60.7262, 70.2791

Protanopia

58.5674, 60.5368, 70.2260

Deuteranopia

61.8965, 60.5138, 70.7054



Tritanopia

59.3190, 60.8055, 75.6280

Trichromacy



Original Color

58.2526, 60.7262, 70.2791

Protanomaly

58.2906, 60.3942, 70.2130

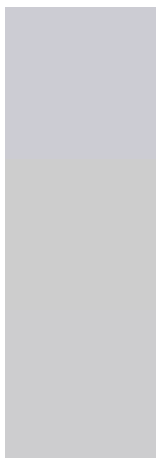
Deuteranomaly

60.5623, 60.5091, 70.7748

Tritanomaly

58.9274, 60.6489, 73.5663

Monochromacy



Original Color

58.2526, 60.7262, 70.2791

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.2706, 61.1468, 67.7628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2526, 60.7262, 70.2791 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, 204, 211) looks like.

```
.text, #text, p{  
    color:rgb(204, 204, 211)  
}
```

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, 204, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 204, 211) }
```

Border

The CSS property to change the border of an element to XYZ 58.2526, 60.7262, 70.2791 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, 204, 211) }
```


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

```
.border{ border-color:rgb(204, 204, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 204, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 204, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 204, 211);  
box-shadow:4px 4px 4px 4px rgb(204, 204,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2526, 60.7262, 70.2791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 204, 211) }
```

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

```
.background{ background-color: rgb(204,  
204, 211) }
```

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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