

Converting Colors

XYZ(56.7754, 60.1057, 74.0849)

Have a look what the booklet for
XYZ(56.7754, 60.1057, 74.0849)
contains.

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Color

**XYZ(56.8614, 60.2745,
74.2829)**

Conversions

Conversions Part 1

Format	Color
Hex	C3CDD9
RGB	195, 205, 217
RGB Percent	76%, 80%, 85%
CMY	0.2353, 0.1961, 0.1490
CMYK	0.10, 0.06, 0.00, 0.15
HSL	213°, 22%, 81%
HSV	213°, 10%, 85%
XYZ	56.8614, 60.2745, 74.2829
YIQ	203.3780, -9.8120, 1.6120

Conversions

Conversions Part 2

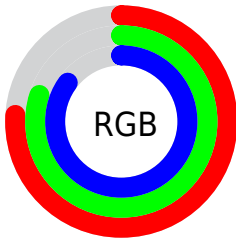
Format	Color
RYB	195, 202, 217
Decimal	12832217
CIELab	81.99, -1.05, -7.12
CIELCh	82, 7.199, 261.584
Yxy	60.2745, 0.2971, 0.3149
Android (android.graphics.Color)	4291022297 (0xFFC3CDD9)
YUV	203.3780, 6.7156, -7.3475
Hunter-Lab	77.6367, -5.1300, -2.3831

Details

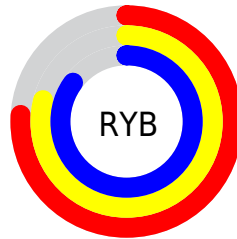
The XYZ color **56.8614, 60.2745, 74.2829** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7788, 63.3172, 60.6489**, and the grayscale version is **56.9673, 59.9340, 65.2681**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **28.5727, 30.4046, 38.5451** is the 20% darker color. If you saturate the color by 10%, you get **48.9328, 52.1441, 73.1324**, and if you desaturate by 10%, it is **65.8225, 69.2582, 75.5456**.

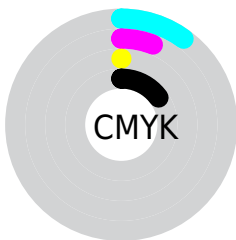
Distribution



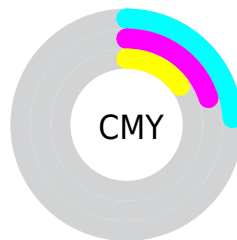
- Red (76%)
- Green (80%)
- Blue (85%)



- Red (76%)
- Yellow (79%)
- Blue (85%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (24%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8614, 60.2745, 74.2829 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 56.8614, 60.2745, 74.2829 by changing the saturation by 10% instead.

■ 56.8614, 60.2745,
74.2829

■ 56.8614, 60.2745,
74.2829

402.9523,
425.6088, 494.6387

■ 41.1337, 43.6399,
54.5274

■ 99.3955, 105.2278,
127.0345

■ 28.6117, 30.3875,
38.6274

126.9325,
134.3152, 160.8677

■ 18.9301, 20.1329,
26.1644

159.1367,
168.3225, 200.2306

■ 11.7235, 12.4917,
16.7198

196.3734,
207.6339, 245.5416

■ 6.6265, 7.0795,
9.8751

239.0079,
252.6338, 297.2194

■ 3.2739, 3.5119,
5.2117

287.4057,

■ 1.3002, 1.4044,

303.7067, 355.6825

2.3111

341.9321,
361.2369, 421.3494

■ 0.1834, 0.2200,
0.7374

■ 0.0000, 0.0000,
0.0000

■ 56.8614, 60.2745,
74.2829

■ 56.8614, 60.2745,
74.2829

■ 48.9328, 52.1441,
73.1324

■ 65.8225, 69.2582,
75.5456

■ 41.9916, 44.8320,
72.0869

■ 75.8482, 79.1138,
76.9195

■ 35.9973, 38.3117,
71.1442

■ 85.0736, 88.8879,
78.3198

■ 30.9041, 32.5520,
70.3010

■ 88.6815, 96.1037,
79.5225

■ 26.6624, 27.5196,
69.5532

■ 89.5246, 97.7898,
79.8035

■ 23.2169, 23.1780,
68.8967

■ 20.5055, 19.4864,
68.3271

■ 18.4547, 16.3982,
67.8391

■ 16.9548, 13.8703,
67.4302

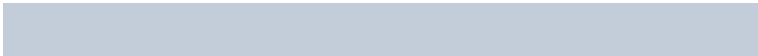
Harmonies

Analogous

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



55.4880, 60.2745, 72.4241



56.8614, 60.2745, 74.2829



58.3735, 60.2745, 73.7434

Triad

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



56.8614, 60.2745, 74.2829



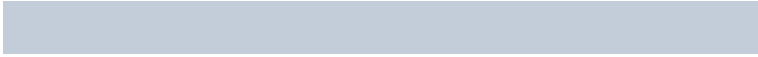
60.0566, 60.2745, 62.5905



55.0243, 60.2745, 60.5523

Complementary

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



56.8614, 60.2745, 74.2829



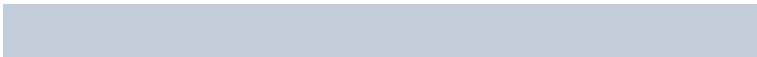
60.7788, 63.3172, 60.6489

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.



56.2182, 60.2745, 58.1322



56.8614, 60.2745, 74.2829



59.1287, 60.2745, 59.2722

Square

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



56.8614, 60.2745, 74.2829



60.2362, 60.2745, 66.8643



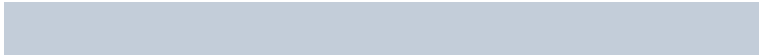
57.7189, 60.2745, 57.6742



54.4398, 60.2745, 64.4084

Rectangle

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



56.8614, 60.2745, 74.2829



59.2555, 60.2745, 72.1063



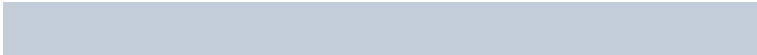
57.7189, 60.2745, 57.6742



55.3667, 60.2745, 59.5511

Sweetspot

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



56.8632, 60.2770, 74.2842



90.9749, 95.9450, 108.3321



58.5495, 65.7208, 68.4613



19.2443, 20.3084, 23.1556



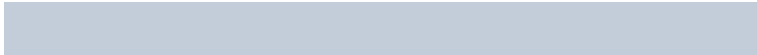
0.0000, 0.0000, 0.0000



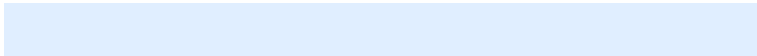
20.3446, 21.4041, 23.3091

Same Dimension

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



56.8632, 60.2770, 74.2842



79.5804, 84.4629, 106.7164



54.7362, 55.7412, 73.5208



12.8239, 13.5876, 16.5989



10.3661, 8.6017, 40.8523



0.7570, 0.7280, 2.6751

Inverse Universe

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



59.1512, 58.1910, 65.8749



83.4820, 80.9780, 92.3607



63.0620, 68.2065, 61.4723



13.3010, 13.1495, 14.8462



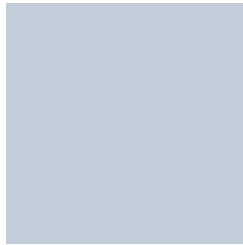
18.7277, 9.4921, 8.2120



1.2564, 0.6322, 0.7590

Previews

White Background



This preview shows how the XYZ color 56.8614, 60.2745, 74.2829 looks on a white background.

Color Contrast Check

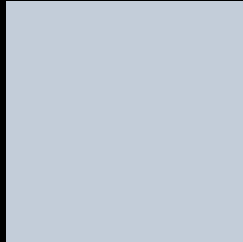
Large Text (above 18pt) WCAG AA × Fail

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 56.8614, 60.2745, 74.2829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

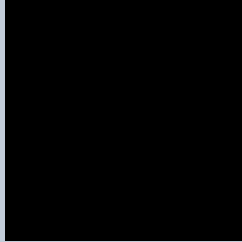
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

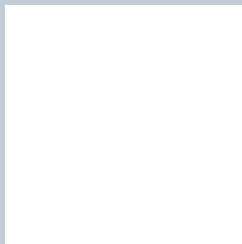
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8614, 60.2745, 74.2829

Background



This preview shows how black text looks on a background with the XYZ color 56.8614, 60.2745, 74.2829.

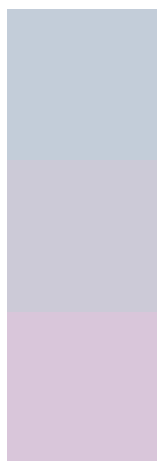


This preview shows how white text looks on a background with the XYZ color 56.8614, 60.2745,

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

56.8614, 60.2745, 74.2829

Protanopia

58.2881, 59.9847, 72.7961

Deuteranopia

61.4642, 60.2018, 74.7103



Tritanopia

57.4090, 60.1420, 76.9894

Trichromacy



Original Color

56.8614, 60.2745, 74.2829

Protanomaly

57.8380, 60.0872, 73.5154

Deuteranomaly

59.8360, 60.3906, 74.8325

Tritanomaly

57.2761, 60.0888, 76.2897

Monochromacy



Original Color

56.8614, 60.2745, 74.2829

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.7974, 60.0192, 68.2658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8614, 60.2745, 74.2829 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(195, 205, 217) looks like.

```
.text, #text, p{  
    color:rgb(195, 205, 217)  
}
```

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(195, 205, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 205, 217) }
```

Border

The CSS property to change the border of an element to XYZ 56.8614, 60.2745, 74.2829 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(195, 205, 217) }
```


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

```
.border{ border-color:rgb(195, 205, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 205, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 205, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 205, 217);  
box-shadow:4px 4px 4px 4px rgb(195, 205,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8614, 60.2745, 74.2829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 205, 217) }
```

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

```
.background{ background-color: rgb(195,  
205, 217) }
```

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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