

Converting Colors

XYZ(56.6046, 56.1609, 83.1649)

Have a look what the booklet for
XYZ(56.6046, 56.1609, 83.1649)
contains.

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Color

**XYZ(56.7415, 56.2234,
83.4629)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C2E7
RGB	197, 194, 231
RGB Percent	77%, 76%, 91%
CMY	0.2274, 0.2392, 0.0941
CMYK	0.15, 0.16, 0.00, 0.09
HSL	245°, 44%, 83%
HSV	245°, 16%, 91%
XYZ	56.7415, 56.2234, 83.4629
YIQ	199.1150, -10.0890, 12.1430

Conversions

Conversions Part 2

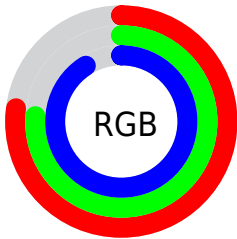
Format	Color
R _Y B	197, 194, 231
Decimal	12960487
CIE Lab	79.74, 8.33, -17.97
CIE LCh	80, 19.806, 294.880
Yxy	56.2234, 0.2889, 0.2862
Android (android.graphics.Color)	4291150567 (0xFFC5C2E7)
YUV	199.1150, 15.7193, -1.8549
Hunter-Lab	74.9823, 3.8577, -13.5082

Details

The XYZ color **56.7415, 56.2234, 83.4629** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.3104, 77.5423, 62.3030**, and the grayscale version is **54.2691, 57.0953, 62.1768**.

A 20% lighter version of the original color is **93.1087, 96.6620, 108.3580**, and **28.4436, 27.6910, 44.4032** is the 20% darker color. If you saturate the color by 10%, you get **46.8221, 44.0630, 81.6394**, and if you desaturate by 10%, it is **68.2462, 70.3902, 85.5919**.

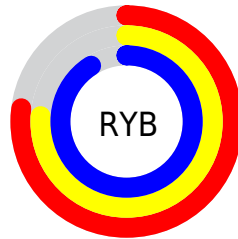
Distribution



Red (77%)

Green (76%)

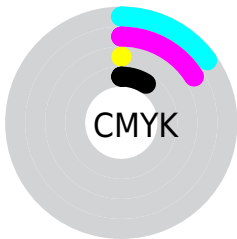
Blue (91%)



Red (77%)

Yellow (76%)

Blue (91%)

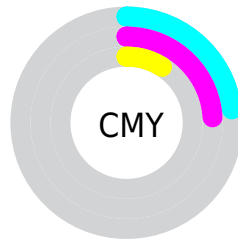


Cyan (15%)

Magenta (16%)

Yellow (0%)

Black (9%)



Cyan (23%)

Magenta (24%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7415, 56.2234, 83.4629 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 56.7415, 56.2234, 83.4629 by changing the saturation by 10% instead.

■ 56.7415, 56.2234,
83.4629

■ 56.7415, 56.2234,
83.4629

402.5098,
410.5329, 526.5393

■ 41.0371, 40.3821,
62.0293

■ 99.2214, 99.3311,
140.0786

■ 28.5358, 27.8366,
44.6204

126.7277,
127.3663, 176.0978

■ 18.8725, 18.2025,
30.8178

158.8985,
160.2349, 217.8159

■ 11.6816, 11.0955,
20.2028

196.0994,
198.3213, 265.6515

■ 6.5979, 6.1311,
12.3570

238.6956,
242.0099, 320.0231

■ 3.2560, 2.9250,
6.8618

287.0525,

■ 1.2906, 1.0927,

291.6851, 381.3492

3.2987

341.5354,
347.7313, 450.0484

■ 0.1761, 0.0000,
1.2491

■ 0.0000, 0.0000,
0.0195

■ 56.7415, 56.2234,
83.4629

■ 56.7415, 56.2234,
83.4629

■ 46.8221, 44.0630,
81.6394

■ 68.2462, 70.3902,
85.5919

■ 38.4136, 33.8116,
80.1039

■ 81.3961, 86.6411,
88.0356

■ 31.4431, 25.3743,
78.8427

■ 91.4240, 98.5496,
89.8056

■ 25.8298, 18.6452,
77.8397

■ 21.4848, 13.5072,
77.0770

■ 18.3087, 9.8289,
76.5344

■ 16.1867, 7.4572,
76.1885

■ 14.9805, 6.2048,
76.0103

■ 14.6870, 5.9052,
75.9679

Harmonies

Analogous

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



52.7549, 56.2234, 85.8925



56.7415, 56.2234, 83.4629



59.9823, 56.2234, 74.7897

Triad

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



56.7415, 56.2234, 83.4629



57.9884, 56.2234, 44.9049



46.1357, 56.2234, 59.2722

Complementary

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



56.7415, 56.2234, 83.4629



70.3104, 77.5423, 62.3030

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.



47.3891, 56.2234, 49.3958



56.7415, 56.2234, 83.4629



54.1283, 56.2234, 41.7886

Square

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



56.7415, 56.2234, 83.4629



60.7270, 56.2234, 52.4072



50.2665, 56.2234, 43.3244



46.7581, 56.2234, 70.9642

Rectangle

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



56.7415, 56.2234, 83.4629



61.2159, 56.2234, 67.1473



50.2665, 56.2234, 43.3244



46.3497, 56.2234, 55.6479

Sweetspot

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



56.7432, 56.2257, 83.4642



86.9365, 89.9783, 107.3932



64.5640, 73.0210, 86.2938



18.3729, 18.9690, 22.9430



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.



56.7432, 56.2257, 83.4642



66.9679, 65.3994, 103.7015



61.7321, 58.7976, 83.6976



13.6905, 13.9427, 18.1140



8.2745, 3.3316, 42.5901



0.6493, 0.2657, 3.1490

Inverse Universe

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



66.2523, 61.1763, 81.7178



80.8683, 72.6376, 101.0866



64.9031, 74.7547, 62.0499



14.9421, 14.5940, 17.8954



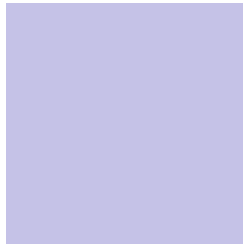
25.1793, 12.2059, 36.1687



1.8757, 0.9080, 2.7518

Previews

White Background



This preview shows how the XYZ color 56.7415, 56.2234, 83.4629 looks on a white background.

Color Contrast Check

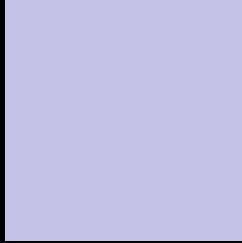
Large Text (above 18pt) WCAG AA × Fail

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 56.7415, 56.2234, 83.4629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

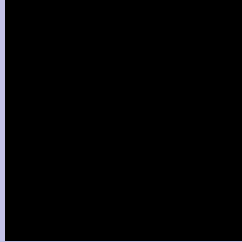
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.7415, 56.2234, 83.4629

Background



This preview shows how black text looks on a background with the XYZ color 56.7415, 56.2234, 83.4629.



This preview shows how white text looks on a background with the XYZ color 56.7415, 56.2234,

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

56.7415, 56.2234, 83.4629

Protanopia

55.5406, 56.2532, 84.2746

Deuteranopia

57.5812, 56.3270, 83.4386



Tritanopia

54.2246, 56.2059, 70.9417

Trichromacy



Original Color

56.7415, 56.2234, 83.4629

Protanomaly

56.0729, 56.1939, 84.2351

Deuteranomaly

57.3132, 56.1888, 83.4261

Tritanomaly

55.1639, 56.2493, 75.6599

Monochromacy



Original Color

56.7415, 56.2234, 83.4629

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.0128, 56.6414, 69.6614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7415, 56.2234, 83.4629 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(197, 194, 231)` looks like.

```
.text, #text, p{  
    color:rgb(197, 194, 231)  
}
```

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(197, 194, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 194, 231) }
```

Border

The CSS property to change the border of an element to XYZ 56.7415, 56.2234, 83.4629 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(197, 194, 231) }
```


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

```
.border{ border-color:rgb(197, 194, 231) }
```

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

Here you see how a box with a 4 pixel rgb(197, 194, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 194, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 194, 231);  
box-shadow:4px 4px 4px 4px rgb(197, 194,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7415, 56.2234, 83.4629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 194, 231) }
```

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

```
.background{ background-color: rgb(197,  
194, 231) }
```

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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