

Converting Colors

XYZ(64.1754, 67.5234, 83.7797)

Have a look what the booklet for
XYZ(64.1754, 67.5234, 83.7797)
contains.

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Color

**XYZ(64.1754, 67.5234,
83.7797)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD7E5
RGB	207, 215, 229
RGB Percent	81%, 84%, 90%
CMY	0.1882, 0.1568, 0.1020
CMYK	0.10, 0.06, 0.00, 0.10
HSL	218°, 30%, 85%
HSV	218°, 10%, 90%
XYZ	64.1754, 67.5234, 83.7797
YIQ	214.2040, -9.2620, 2.6580

Conversions

Conversions Part 2

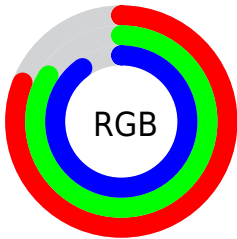
Format	Color
R _Y B	207, 213, 229
Decimal	13621221
CIE Lab	85.77, -0.01, -7.81
CIE LCh	86, 7.808, 269.940
Yxy	67.5234, 0.2978, 0.3134
Android (android.graphics.Color)	4291811301 (0xFFCFD7E5)
YUV	214.2040, 7.2944, -6.3179
Hunter-Lab	82.1726, -4.3967, -2.9287

Details

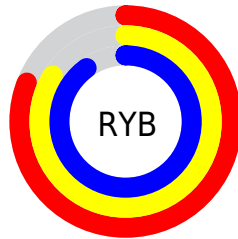
The XYZ color **64.1754, 67.5234, 83.7797** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.4323, 72.8754, 69.4395**, and the grayscale version is **64.0124, 67.3460, 73.3398**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.3477, 34.9699, 45.0367** is the 20% darker color. If you saturate the color by 10%, you get **54.6898, 57.3706, 82.3210**, and if you desaturate by 10%, it is **74.9233, 78.8210, 85.3949**.

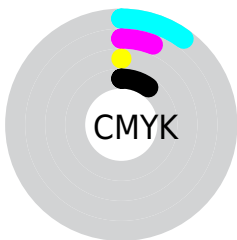
Distribution



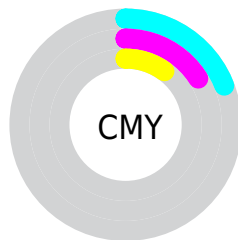
- Red (81%)
- Green (84%)
- Blue (90%)



- Red (81%)
- Yellow (84%)
- Blue (90%)



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



- Cyan (19%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1754, 67.5234, 83.7797 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 64.1754, 67.5234, 83.7797 by changing the saturation by 10% instead.

■ 64.1754, 67.5234,
83.7797

■ 64.1754, 67.5234,
83.7797

429.4150,
451.8055, 527.6203

■ 47.0550, 49.5101,
62.2892

109.9358,
115.6701, 140.5259

■ 33.2872, 35.0243,
44.8291

139.3065,
146.5722, 176.6188

■ 22.5069, 23.6816,
30.9809

173.4914,
182.5395, 218.4162

■ 14.3485, 15.0976,
20.3260

212.8557,
223.9562, 266.3367

■ 8.4468, 8.8879,
12.4458

257.7648,
271.2067, 320.7988

■ 4.4363, 4.6681,
6.9218

308.5842,

■ 1.9518, 2.0539,

324.6755, 382.2211

3.3356

365.6791,
384.7470, 451.0221

■ 0.6067, 0.6385,
1.2684

■ 0.0000, 0.0000,
0.0357

■ 64.1754, 67.5234,
83.7797

■ 64.1754, 67.5234,
83.7797

■ 54.6898, 57.3706,
82.3210

■ 74.9233, 78.8210,
85.3949

■ 46.4123, 48.3165,
81.0097

■ 86.9731, 91.2908,
87.1667

■ 39.2932, 40.3241,
79.8422

■ 91.1431, 98.4372,
88.3264

■ 33.2770, 33.3509,
78.8133

■ 28.3033, 27.3512,
77.9174

■ 24.3056, 22.2755,
77.1484

■ 21.2088, 18.0688,
76.4996

■ 18.9248, 14.6685,
75.9637

■ 17.3153, 11.9849,
75.5305

Harmonies

Analogous

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



62.4776, 67.5234, 82.3478



64.1754, 67.5234, 83.7797



65.9047, 67.5234, 82.3588

Triad

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



64.1754, 67.5234, 83.7797



67.1947, 67.5234, 68.7309



61.2583, 67.5234, 68.7139

Complementary

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



64.1754, 67.5234, 83.7797



69.4323, 72.8754, 69.4395

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.



62.4837, 67.5234, 65.3401



64.1754, 67.5234, 83.7797



65.9110, 67.5234, 65.3496

Square

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



64.1754, 67.5234, 83.7797



67.6674, 67.5234, 73.5317



64.1825, 67.5234, 64.1368



60.8125, 67.5234, 73.5113

Rectangle

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



64.1754, 67.5234, 83.7797



66.8379, 67.5234, 80.0209



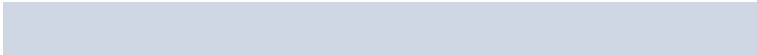
64.1825, 67.5234, 64.1368



61.5915, 67.5234, 67.3839

Sweetspot

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



64.1774, 67.5262, 83.7812



90.7583, 95.5117, 108.2599



66.7948, 74.5221, 79.2249



19.1859, 20.1916, 23.1361



0.0000, 0.0000, 0.0000



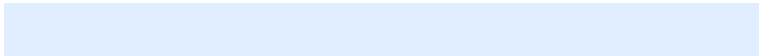
20.3446, 21.4041, 23.3091

Same Dimension

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



64.1774, 67.5262, 83.7812



78.7754, 82.8528, 106.4480



63.0162, 63.9759, 83.1571



14.0099, 14.7413, 18.2513



9.9727, 7.0076, 43.2101



0.8229, 0.6898, 3.2217

Inverse Universe

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



66.8932, 66.1913, 73.5438



83.0756, 80.8155, 90.2210



70.6679, 76.7243, 70.1173



14.5926, 14.4542, 16.0550



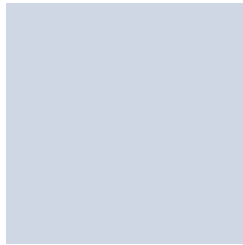
19.4273, 9.9051, 5.8791



1.4790, 0.7493, 0.6629

Previews

White Background



This preview shows how the XYZ color 64.1754, 67.5234, 83.7797 looks on a white background.

Color Contrast Check

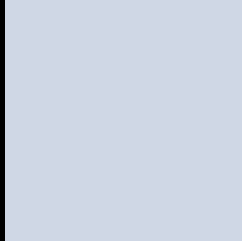
Large Text (above 18pt) WCAG AA × Fail

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 64.1754, 67.5234, 83.7797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

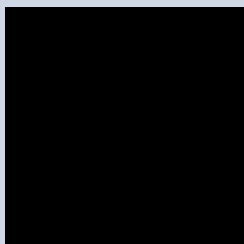
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

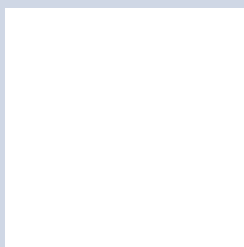
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.1754, 67.5234, 83.7797

Background



This preview shows how black text looks on a background with the XYZ color 64.1754, 67.5234, 83.7797.

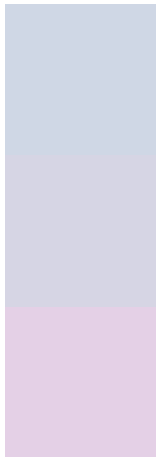


This preview shows how white text looks on a background with the XYZ color 64.1754, 67.5234,

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

64.1754, 67.5234, 83.7797

Protanopia

65.5294, 67.4861, 82.9711

Deuteranopia

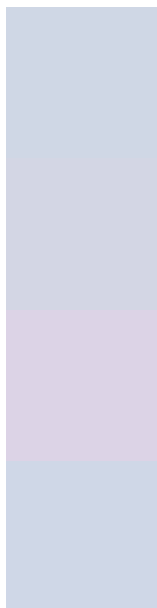
68.8337, 67.3189, 84.2288



Tritanopia

64.5981, 67.6925, 86.0052

Trichromacy



Original Color

64.1754, 67.5234, 83.7797

Protanomaly

64.9141, 67.5435, 83.0146

Deuteranomaly

67.0924, 67.5173, 84.3589

Tritanomaly

64.4564, 67.6358, 85.2591

Monochromacy



Original Color

64.1754, 67.5234, 83.7797

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.6967, 67.0565, 76.6039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1754, 67.5234, 83.7797 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(207, 215, 229) looks like.

```
.text, #text, p{  
    color:rgb(207, 215, 229)  
}
```

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(207, 215, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 215, 229) }
```

Border

The CSS property to change the border of an element to XYZ 64.1754, 67.5234, 83.7797 is called "border". The border property can be set on classes, ids or directly on the HTML element.

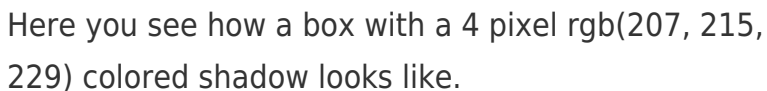
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 215, 229) }
```


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

```
.border{ border-color:rgb(207, 215, 229) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 215, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 215, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 215, 229); box-shadow:4px 4px 4px 4px rgb(207, 215, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1754, 67.5234, 83.7797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 215, 229) }
```

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

```
.background{ background-color: rgb(207,  
215, 229) }
```

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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