

Converting Colors

XYZ(64.0896, 65.7511, 77.3834)

Have a look what the booklet for
XYZ(64.0896, 65.7511, 77.3834)
contains.

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Color

**XYZ(64.1221, 65.7607,
77.7201)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D2DD
RGB	215, 210, 221
RGB Percent	84%, 82%, 87%
CMY	0.1569, 0.1765, 0.1333
CMYK	0.03, 0.05, 0.00, 0.13
HSL	267°, 14%, 85%
HSV	267°, 5%, 87%
XYZ	64.1221, 65.7607, 77.7201
YIQ	212.7490, -0.5510, 4.4810

Conversions

Conversions Part 2

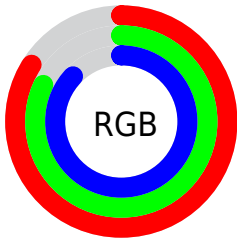
Format	Color
R _Y B	215, 210, 221
Decimal	14144221
CIE Lab	84.87, 3.72, -4.82
CIE LCh	85, 6.088, 307.676
Yxy	65.7607, 0.3089, 0.3168
Android (android.graphics.Color)	4292334301 (0xFFD7D2DD)
YUV	212.7490, 4.0677, 1.9741
Hunter-Lab	81.0930, -0.7686, -0.0589

Details

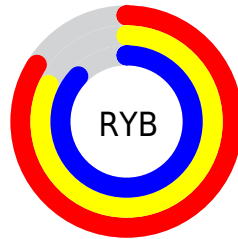
The XYZ color **64.1221, 65.7607, 77.7201** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8106, 70.9667, 71.2054**, and the grayscale version is **63.0538, 66.3375, 72.2415**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.2686, 34.0037, 40.8863** is the 20% darker color. If you saturate the color by 10%, you get **55.6275, 53.8350, 75.8669**, and if you desaturate by 10%, it is **73.6349, 79.3335, 79.8395**.

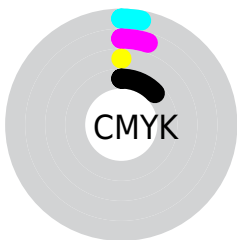
Distribution



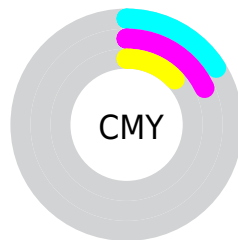
- Red (84%)
- Green (82%)
- Blue (87%)



- Red (84%)
- Yellow (82%)
- Blue (87%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (13%)



- Cyan (16%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1221, 65.7607, 77.7201 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 64.1221, 65.7607, 77.7201 by changing the saturation by 10% instead.

■ 64.1221, 65.7607,
77.7201

■ 64.1221, 65.7607,
77.7201

429.2257,
445.5206, 506.7184

■ 47.0116, 48.0782,
57.3290

109.8595,
113.1428, 131.9378

■ 33.2528, 33.8888,
40.8583

139.2172,
143.6112, 166.6014

■ 22.4804, 22.8082,
27.8895

173.3879,
179.1103, 206.8596

■ 14.3289, 14.4519,
18.0041

212.7371,
220.0245, 253.1310

■ 8.4330, 8.4357,
10.7834

257.6302,
266.7382, 305.8340

■ 4.4274, 4.3750,
5.8091

308.4323,

■ 1.9466, 1.8854,

319.6359, 365.3872

2.6624

365.5091,
379.1019, 432.2092

■ 0.6037, 0.5396,
0.9244

■ 0.0000, 0.0000,
0.0000

■ 64.1221, 65.7607,
77.7201

■ 64.1221, 65.7607,
77.7201

■ 55.6275, 53.8350,
75.8669

■ 73.6349, 79.3335,
79.8395

■ 48.1093, 43.4836,
74.2651

■ 84.1946, 94.6057,
82.2308

■ 41.5306, 34.6409,
72.9051

■ 88.6582, 97.2823,
82.5122

■ 35.8502, 27.2331,
71.7746

■ 90.0513, 98.0005,
82.5774

■ 31.0235, 21.1802,
70.8607

■ 27.0015, 16.3939,
70.1488

■ 23.7297, 12.7750,
69.6227

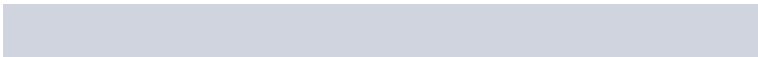
■ 21.1455, 10.2090,
69.2636

■ 19.1734, 8.5560,
69.0485

Harmonies

Analogous

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



62.8549, 65.7607, 79.3158



64.1221, 65.7607, 77.7201



64.9640, 65.7607, 74.4965

Triad

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



64.1221, 65.7607, 77.7201



63.5062, 65.7607, 64.8691



59.9375, 65.7607, 72.6114

Complementary

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



64.1221, 65.7607, 77.7201



65.8106, 70.9667, 71.2054

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.



60.1061, 65.7607, 68.7839



64.1221, 65.7607, 77.7201



62.1535, 65.7607, 64.4057

Square

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



64.1221, 65.7607, 77.7201



64.6048, 65.7607, 67.1040



60.9125, 65.7607, 65.8141



60.4484, 65.7607, 76.2972

Rectangle

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



64.1221, 65.7607, 77.7201



65.1639, 65.7607, 71.9075



60.9125, 65.7607, 65.8141



59.9167, 65.7607, 71.2978

Sweetspot

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



64.1240, 65.7635, 77.7215



93.7319, 98.1209, 108.6068



64.2005, 68.0618, 78.1611



20.0764, 21.0217, 23.2494



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.



64.1240, 65.7635, 77.7215



87.3571, 89.0747, 107.1967



65.7512, 66.6024, 77.7977



13.4245, 13.6472, 16.5788



10.7888, 4.6860, 40.0743



0.7974, 0.3543, 2.6008

Inverse Universe

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



65.2623, 66.4261, 74.3507



89.2625, 90.1840, 101.5484



64.2269, 70.1503, 71.1313



13.7458, 13.8343, 15.6258



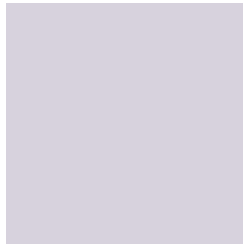
19.3699, 9.7490, 11.5940



1.2981, 0.6489, 0.9790

Previews

White Background



This preview shows how the XYZ color 64.1221, 65.7607, 77.7201 looks on a white background.

Color Contrast Check

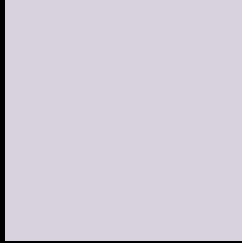
Large Text (above 18pt) WCAG AA × Fail

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 64.1221, 65.7607, 77.7201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

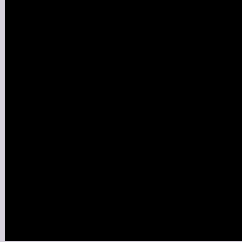
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

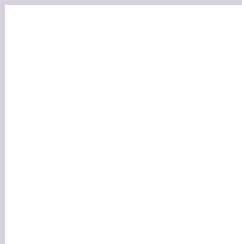
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.1221, 65.7607, 77.7201

Background



This preview shows how black text looks on a background with the XYZ color 64.1221, 65.7607, 77.7201.

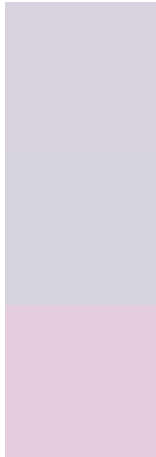


This preview shows how white text looks on a background with the XYZ color 64.1221, 65.7607,

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

64.1221, 65.7607, 77.7201

Protanopia

63.7860, 65.9551, 77.7753

Deuteranopia

67.2510, 65.9105, 78.2847



Tritanopia

64.8468, 65.6908, 81.2133

Trichromacy



Original Color

64.1221, 65.7607, 77.7201

Protanomaly

64.0770, 66.1051, 77.7890

Deuteranomaly

65.9291, 65.5875, 78.2921

Tritanomaly

64.5739, 65.5817, 79.7761

Monochromacy



Original Color

64.1221, 65.7607, 77.7201

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.6697, 66.3410, 74.4151

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1221, 65.7607, 77.7201 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(215, 210, 221) looks like.

```
.text, #text, p{  
    color:rgb(215, 210, 221)  
}
```

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(215, 210, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 210, 221) }
```

Border

The CSS property to change the border of an element to XYZ 64.1221, 65.7607, 77.7201 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(215, 210, 221) }
```


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

```
.border{ border-color:rgb(215, 210, 221) }
```

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

Here you see how a box with a 4 pixel rgb(215, 210, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 210, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 210, 221);  
box-shadow:4px 4px 4px 4px rgb(215, 210,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1221, 65.7607, 77.7201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 210, 221) }
```

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

```
.background{ background-color: rgb(215,  
210, 221) }
```

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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