

Converting Colors

XYZ(67.5643, 73.7555, 75.4815)

Have a look what the booklet for
XYZ(67.5643, 73.7555, 75.4815)
contains.

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Color

**XYZ(67.6154, 73.7977,
75.6464)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E2D8
RGB	215, 226, 216
RGB Percent	84%, 89%, 85%
CMY	0.1569, 0.1137, 0.1529
CMYK	0.05, 0.00, 0.04, 0.11
HSL	125°, 16%, 86%
HSV	125°, 5%, 89%
XYZ	67.6154, 73.7977, 75.6464
YIQ	221.5710, -3.3460, -5.4420

Conversions

Conversions Part 2

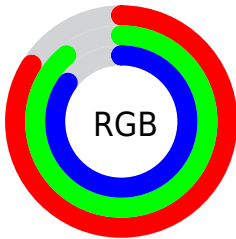
Format	Color
R _Y B	215, 225, 226
Decimal	14148312
CIE Lab	88.83, -5.49, 3.60
CIE LCh	89, 6.567, 146.758
Yxy	73.7977, 0.3115, 0.3400
Android (android.graphics.Color)	4292338392 (0xFFD7E2D8)
YUV	221.5710, -2.7465, -5.7628
Hunter-Lab	85.9056, -9.8393, 7.9246

Details

The XYZ color **67.6154, 73.7977, 75.6464** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.2578, 70.2078, 81.1391**, and the grayscale version is **69.1509, 72.7521, 79.2271**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.4931, 39.1726, 39.4086** is the 20% darker color. If you saturate the color by 10%, you get **58.9396, 69.6152, 62.2306**, and if you desaturate by 10%, it is **77.5443, 78.5920, 90.8578**.

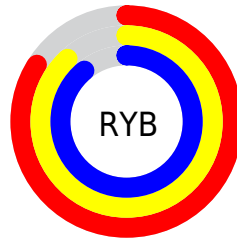
Distribution



Red (84%)

Green (89%)

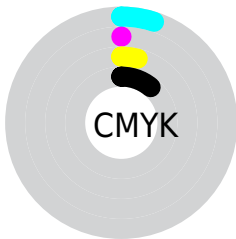
Blue (85%)



Red (84%)

Yellow (88%)

Blue (89%)

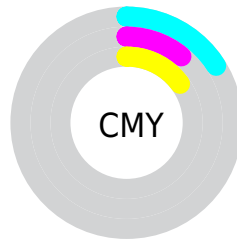


Cyan (5%)

Magenta (0%)

Yellow (4%)

Black (11%)



Cyan (16%)

Magenta (11%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6154, 73.7977, 75.6464 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 67.6154, 73.7977, 75.6464 by changing the saturation by 10% instead.

■ 67.6154, 73.7977,
75.6464

■ 67.6154, 73.7977,
75.6464

441.5303,
473.7749, 499.4510

■ 49.8574, 54.6285,
55.6377

114.8467,
124.6090, 128.9825

■ 35.5175, 39.1043,
39.5105

145.0508,
157.0199, 163.1469

■ 24.2301, 26.8409,
26.8462

180.1343,
194.6134, 202.8669

■ 15.6301, 17.4538,
17.2263

220.4625,
237.7740, 248.5612

■ 9.3520, 10.5586,
10.2323

266.4009,
286.8860, 300.6482

■ 5.0304, 5.7708,
5.4457

318.3147,

■ 2.3001, 2.7062,

342.3339, 359.5465

2.4478

376.5694,
404.5021, 425.6745

■ 0.7947, 0.9804,
0.8123

■ 0.0000, 0.0000,
0.0000

■ 67.6154, 73.7977,
75.6464

■ 67.6154, 73.7977,
75.6464

■ 58.9396, 69.6152,
62.2306

■ 77.5443, 78.5920,
90.8578

■ 51.4612, 66.0110,
50.5395

■ 86.4878, 82.8756,
106.0459

■ 45.1293, 62.9623,
40.5046

■ 39.8871, 60.4416,
32.0510

■ 35.6730, 58.4186,
25.0981

■ 32.4190, 56.8604,
19.5582

■ 30.0491, 55.7297,
15.3342

■ 28.4755, 54.9837,
12.3174

■ 27.5923, 54.5703,
10.3809

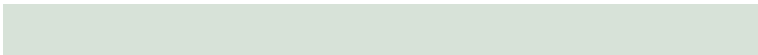
Harmonies

Analogous

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



68.7745, 73.7977, 72.7827



67.6154, 73.7977, 75.6464



67.1329, 73.7977, 79.8588

Triad

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



67.6154, 73.7977, 75.6464



69.9697, 73.7977, 89.4198



72.9091, 73.7977, 76.4736

Complementary

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



67.6154, 73.7977, 75.6464



69.2578, 70.2078, 81.1391

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.



73.2407, 73.7977, 80.8496



67.6154, 73.7977, 75.6464



71.5286, 73.7977, 88.4312

Square

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



67.6154, 73.7977, 75.6464



68.4792, 73.7977, 87.9042



72.7318, 73.7977, 85.2512



71.8325, 73.7977, 73.2474

Rectangle

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



67.6154, 73.7977, 75.6464



67.2544, 73.7977, 82.9053



72.7318, 73.7977, 85.2512



73.1121, 73.7977, 77.8539

Sweetspot

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



67.6175, 73.8009, 75.6480



93.7470, 99.3711, 106.9025



70.5426, 75.3237, 75.1120



20.0795, 21.2761, 22.9026



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.



67.6175, 73.8009, 75.6480



87.4841, 96.3491, 97.2763



68.3298, 74.0858, 79.3993



14.1183, 15.6175, 15.6511



15.6090, 31.0684, 5.6640



1.0996, 2.1605, 0.4855

Inverse Universe

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



69.2578, 70.2078, 81.1391



90.1387, 90.5344, 106.1624



68.5301, 69.9167, 77.3067



14.5889, 14.5867, 17.2263



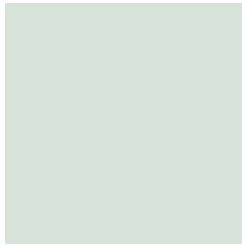
24.2347, 11.7609, 34.2316



1.6958, 0.8216, 2.4567

Previews

White Background



This preview shows how the XYZ color 67.6154, 73.7977, 75.6464 looks on a white background.

Color Contrast Check

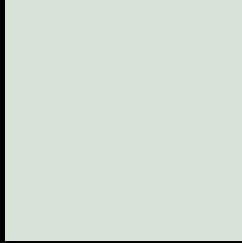
Large Text (above 18pt) WCAG AA × Fail

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 67.6154, 73.7977, 75.6464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

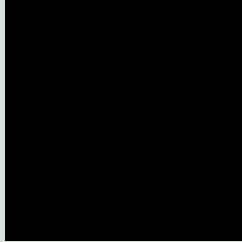
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

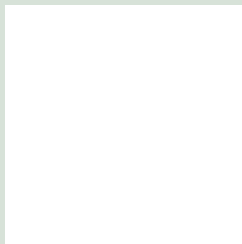
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.6154, 73.7977, 75.6464

Background



This preview shows how black text looks on a background with the XYZ color 67.6154, 73.7977, 75.6464.



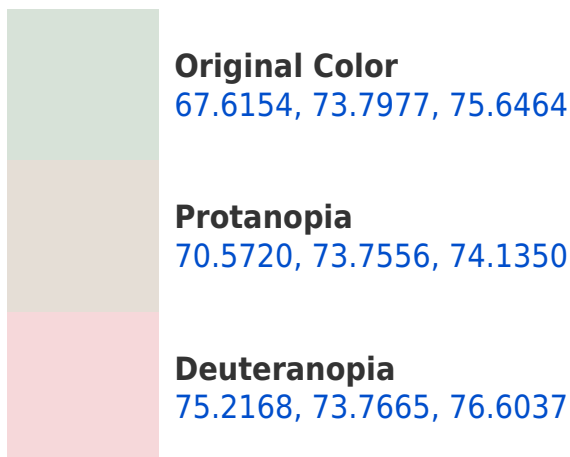
This preview shows how white text looks on a background with the XYZ color 67.6154, 73.7977,

75.6464.

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





Tritanopia

71.0629, 73.5939, 92.8977

Trichromacy



Original Color

67.6154, 73.7977, 75.6464

Protanomaly

69.3939, 73.5289, 74.8250

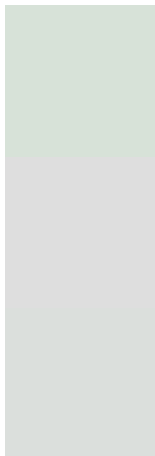
Deuteranomaly

72.3785, 73.8583, 76.0870

Tritanomaly

69.7249, 73.4503, 86.1037

Monochromacy



Original Color

67.6154, 73.7977, 75.6464

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.5194, 73.0027, 78.1897

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6154, 73.7977, 75.6464 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, 226, 216) looks like.

```
.text, #text, p{  
    color:rgb(215, 226, 216)  
}
```

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, 226, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 226, 216) }
```

Border

The CSS property to change the border of an element to XYZ 67.6154, 73.7977, 75.6464 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, 226, 216) }
```


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

```
.border{ border-color:rgb(215, 226, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 226, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 226, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 226, 216);  
box-shadow:4px 4px 4px 4px rgb(215, 226,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6154, 73.7977, 75.6464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 226, 216) }
```

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

```
.background{ background-color: rgb(215,  
226, 216) }
```

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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