

Converting Colors

XYZ(67.6488, 74.9607, 79.3100)

Have a look what the booklet for
XYZ(67.6488, 74.9607, 79.3100)
contains.

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Color

**XYZ(67.6488, 74.9607,
79.3100)**

Conversions

Conversions Part 1

Format	Color
Hex	D2E5DD
RGB	210, 229, 221
RGB Percent	82%, 90%, 87%
CMY	0.1765, 0.1019, 0.1333
CMYK	0.08, 0.00, 0.03, 0.10
HSL	155°, 27%, 86%
HSV	155°, 8%, 90%
XYZ	67.6488, 74.9607, 79.3100
YIQ	222.4070, -8.7560, -6.5160

Conversions

Conversions Part 2

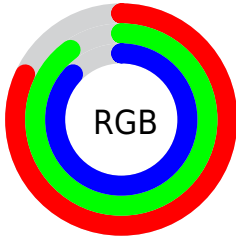
Format	Color
R _Y B	210, 222, 229
Decimal	13821405
CIE Lab	89.37, -7.78, 1.73
CIE LCh	89, 7.971, 167.464
Yxy	74.9607, 0.3048, 0.3378
Android (android.graphics.Color)	4292011485 (0xFFD2E5DD)
YUV	222.4070, -0.6937, -10.8809
Hunter-Lab	86.5798, -12.0445, 6.2943

Details

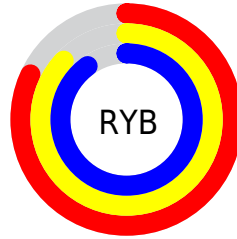
The XYZ color **67.6488, 74.9607, 79.3100** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.0173, 67.8151, 75.8379**, and the grayscale version is **69.7298, 73.3612, 79.8903**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5366, 39.9938, 41.9230** is the 20% darker color. If you saturate the color by 10%, you get **60.3417, 71.3401, 72.4525**, and if you desaturate by 10%, it is **75.9670, 79.0982, 86.6033**.

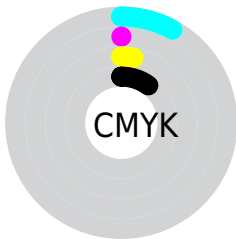
Distribution



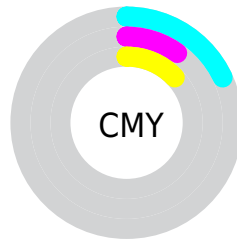
- Red (82%)
- Green (90%)
- Blue (87%)



- Red (82%)
- Yellow (87%)
- Blue (90%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)



- Cyan (18%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6488, 74.9607, 79.3100 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 67.6488, 74.9607, 79.3100 by changing the saturation by 10% instead.

67.6488, 74.9607,
79.3100

67.6488, 74.9607,
79.3100

441.6470,
477.7825, 512.2498

49.8847, 55.5807,
58.6279

114.8943,
126.2567, 134.1978

35.5392, 39.8668,
41.8956

145.1063,
158.9415, 169.2406

24.2470, 27.4347,
28.6946

180.1984,
196.8301, 209.9074

15.6427, 17.9000,
18.6063

220.5359,
240.3067, 256.6166

9.3609, 10.8782,
11.2122

266.4842,
289.7559, 309.7870

5.0363, 5.9850,
6.0938

318.4085,

2.3036, 2.8360,

345.5620, 369.8369

2.8325

376.6743,
408.1094, 437.1850

■ 0.7965, 1.0467,
1.0098

■ 0.0000, 0.0000,
0.0000

■ 67.6488, 74.9607,
79.3100

■ 67.6488, 74.9607,
79.3100

■ 60.3417, 71.3401,
72.4525

■ 75.9670, 79.0982,
86.6033

■ 53.9986, 68.2060,
66.0176

■ 85.0322, 83.6100,
94.3217

■ 48.5782, 65.5393,
59.9983

■ 86.5060, 84.1996,
102.0826

■ 44.0336, 63.3159,
54.3857

■ 87.3107, 84.5214,
106.3202

■ 40.3134, 61.5097,
49.1704

■ 37.3609, 60.0914,
44.3426

■ 35.1115, 59.0280,
39.8919

■ 33.4895, 58.2805,
35.8071

■ 32.3865, 57.7934,
32.0753

Harmonies

Analogous

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



68.5196, 74.9607, 74.5704



67.6488, 74.9607, 79.3100



67.7295, 74.9607, 84.8859

Triad

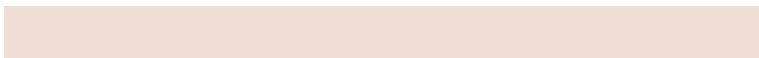
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.6488, 74.9607, 79.3100



72.3795, 74.9607, 92.3013



73.8139, 74.9607, 73.9571

Complementary

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



67.6488, 74.9607, 79.3100



68.0173, 67.8151, 75.8379

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.



74.8861, 74.9607, 78.4379



67.6488, 74.9607, 79.3100



74.0476, 74.9607, 89.0993

Square

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



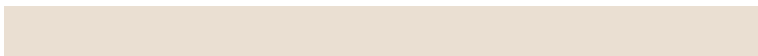
67.6488, 74.9607, 79.3100



70.4369, 74.9607, 92.5611



74.9724, 74.9607, 83.9733



72.0651, 74.9607, 71.5760

Rectangle

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



67.6488, 74.9607, 79.3100



68.3120, 74.9607, 88.3295



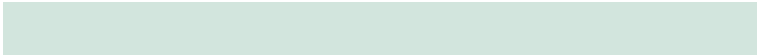
74.9724, 74.9607, 83.9733



74.2668, 74.9607, 75.2581

Sweetspot

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



67.6509, 74.9639, 79.3117



92.8546, 98.9079, 107.0022



68.6380, 75.6366, 71.9556



19.8977, 21.1818, 22.9229



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.



67.6509, 74.9639, 79.3117



84.6016, 94.8079, 99.6362



68.3938, 74.7022, 84.9467



14.5373, 16.2284, 17.0944



18.4845, 33.0259, 18.3175



1.4121, 2.4590, 1.5967

Inverse Universe

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



68.0173, 67.8151, 75.8379



85.1617, 83.8812, 94.3270



67.3089, 68.0342, 70.5582



14.6276, 14.4682, 16.2391



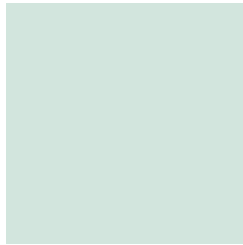
19.7511, 10.0347, 7.5843



1.5051, 0.7597, 0.8003

Previews

White Background



This preview shows how the XYZ color 67.6488, 74.9607, 79.3100 looks on a white background.

Color Contrast Check

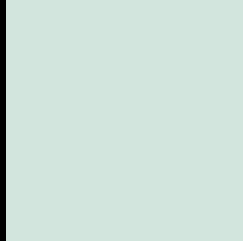
Large Text (above 18pt) WCAG AA × Fail

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 67.6488, 74.9607, 79.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

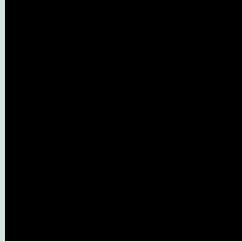
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

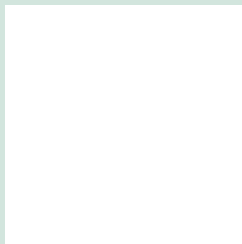
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.6488, 74.9607, 79.3100

Background



This preview shows how black text looks on a background with the XYZ color 67.6488, 74.9607, 79.3100.



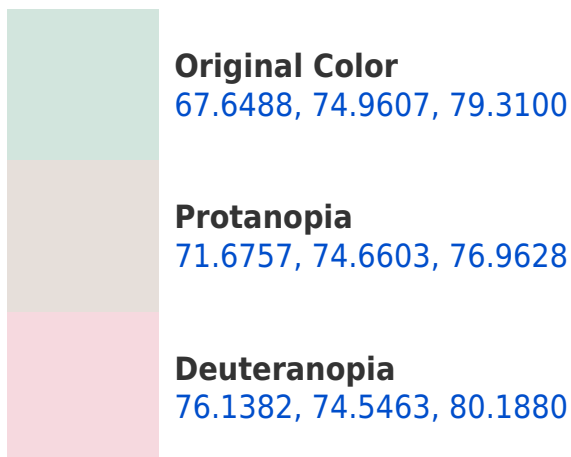
This preview shows how white text looks on a background with the XYZ color 67.6488, 74.9607,

79.3100.

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

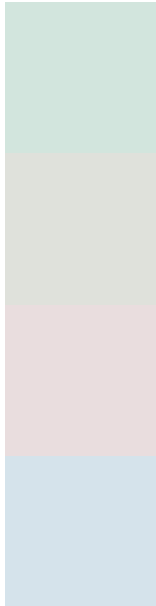




Tritanopia

71.1056, 75.1599, 95.5537

Trichromacy



Original Color

67.6488, 74.9607, 79.3100

Protanomaly

70.1428, 74.6529, 77.7304

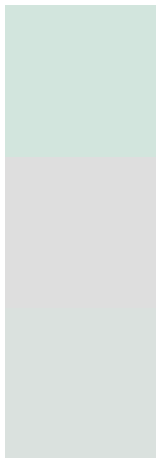
Deuteranomaly

72.6455, 74.3105, 79.6218

Tritanomaly

69.9051, 75.0825, 89.4052

Monochromacy



Original Color

67.6488, 74.9607, 79.3100

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.0235, 74.0298, 79.7585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6488, 74.9607, 79.3100 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(210, 229, 221) looks like.

```
.text, #text, p{  
    color:rgb(210, 229, 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(210, 229, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 229, 221) }
```

Border

The CSS property to change the border of an element to XYZ 67.6488, 74.9607, 79.3100 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(210, 229, 221) }
```


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

```
.border{ border-color:rgb(210, 229, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 229, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 229, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 229, 221);  
box-shadow:4px 4px 4px 4px rgb(210, 229,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6488, 74.9607, 79.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 229, 221) }
```

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

```
.background{ background-color: rgb(210,  
229, 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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