

Converting Colors

XYZ(67.5876, 67.9714, 81.2806)

Have a look what the booklet for
XYZ(67.5876, 67.9714, 81.2806)
contains.

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Color

**XYZ(67.4532, 67.7675,
81.4768)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD3E2
RGB	223, 211, 226
RGB Percent	87%, 83%, 89%
CMY	0.1255, 0.1725, 0.1137
CMYK	0.01, 0.07, 0.00, 0.11
HSL	288°, 21%, 86%
HSV	288°, 7%, 89%
XYZ	67.4532, 67.7675, 81.4768
YIQ	216.2980, 2.3370, 7.2090

Conversions

Conversions Part 2

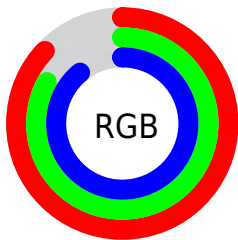
Format	Color
R _Y B	223, 211, 226
Decimal	14668770
CIE Lab	85.89, 6.81, -5.90
CIE LCh	86, 9.010, 319.079
Yxy	67.7675, 0.3113, 0.3127
Android (android.graphics.Color)	4292858850 (0xFFDFD3E2)
YUV	216.2980, 4.7831, 5.8777
Hunter-Lab	82.3210, 2.1997, -1.0573

Details

The XYZ color **67.4532, 67.7675, 81.4768** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.6883, 73.3938, 72.2830**, and the grayscale version is **65.4424, 68.8505, 74.9781**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5561, 35.3790, 43.4829** is the 20% darker color. If you saturate the color by 10%, you get **60.8550, 56.6105, 79.6721**, and if you desaturate by 10%, it is **74.8819, 80.5282, 83.5493**.

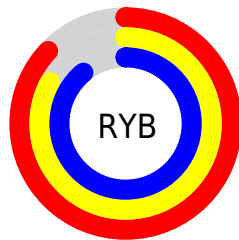
Distribution



Red (87%)

Green (83%)

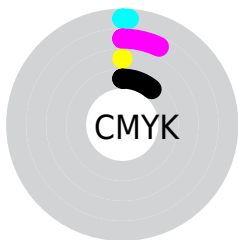
Blue (89%)



Red (87%)

Yellow (83%)

Blue (89%)

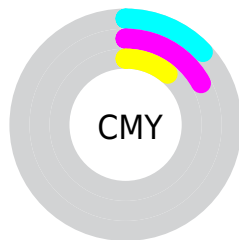


Cyan (1%)

Magenta (7%)

Yellow (0%)

Black (11%)



Cyan (13%)

Magenta (17%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4532, 67.7675, 81.4768 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 67.4532, 67.7675, 81.4768 by changing the saturation by 10% instead.

67.4532, 67.7675,
81.4768

67.4532, 67.7675,
81.4768

440.9634,
452.6718, 519.7334

49.7251, 49.7086,
60.4011

114.6158,
116.0195, 137.2701

35.4119, 35.1819,
43.3146

144.7809,
146.9813, 172.8248

24.1483, 23.8030,
29.7988

179.8225,
183.0130, 214.0429

15.5690, 15.1876,
19.4352

220.1058,
224.4988, 261.3430

9.3086, 8.9511,
11.8051

265.9961,
271.8232, 315.1435

5.0017, 4.7093,
6.4902

317.8590,

2.2830, 2.0777,

325.3706, 375.8630

3.0718

376.0596,
385.5253, 443.9201

■ 0.7860, 0.6521,
1.1314

■ 0.0000, 0.0000,
0.0000

■ 67.4532, 67.7675,
81.4768

■ 67.4532, 67.7675,
81.4768

■ 60.8550, 56.6105,
79.6721

■ 74.8819, 80.5282,
83.5493

■ 55.0484, 46.9828,
78.1198

■ 82.7804, 94.1741,
85.7670

■ 49.9999, 38.8170,
76.8097

■ 84.2673, 94.9406,
85.8366

■ 45.6715, 32.0375,
75.7292

■ 85.7923, 95.7268,
85.9079

■ 42.0216, 26.5615,
74.8646

■ 87.3555, 96.5326,
85.9811

■ 39.0042, 22.2975,
74.2006

■ 88.9573, 97.3584,
86.0560

■ 36.5674, 19.1421,
73.7200

■ 90.5980, 98.2042,
86.1328

■ 34.6504, 16.9740,
73.4026

■ 90.7277, 98.2711,
86.1389

■ 33.1760, 15.6396,
73.2227

Harmonies

Analogous

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



65.7155, 67.7675, 85.0458



67.4532, 67.7675, 81.4768



68.3825, 67.7675, 75.9593

Triad

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



67.4532, 67.7675, 81.4768



65.1650, 67.7675, 63.1912



60.7365, 67.7675, 77.5611

Complementary

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



67.4532, 67.7675, 81.4768



66.6883, 73.3938, 72.2830

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.



60.5963, 67.7675, 71.6571



67.4532, 67.7675, 81.4768



63.1238, 67.7675, 63.5690

Square

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



67.4532, 67.7675, 81.4768



67.0428, 67.7675, 65.5365



61.4616, 67.7675, 66.5975



61.8490, 67.7675, 82.7031

Rectangle

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



67.4532, 67.7675, 81.4768



68.4055, 67.7675, 72.0102



61.4616, 67.7675, 66.5975



60.5750, 67.7675, 75.5934

Sweetspot

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



67.4552, 67.7704, 81.4783



93.0702, 96.5961, 108.3473



64.7041, 67.5627, 81.5832



19.9416, 20.7112, 23.1966



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.



67.4552, 67.7704, 81.4783



87.3985, 86.9021, 106.7751



67.8117, 68.0208, 78.4887



14.0124, 13.7899, 17.3109



18.7743, 8.7738, 41.7524



1.3704, 0.6438, 2.8973

Inverse Universe

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



66.7983, 67.6154, 73.1521



86.3668, 86.6610, 93.5895



66.3606, 73.1625, 75.0855



13.8188, 13.7451, 14.8158



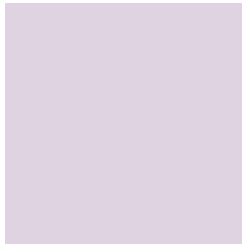
18.1995, 9.3468, 2.4503



1.2934, 0.6606, 0.3376

Previews

White Background



This preview shows how the XYZ color 67.4532, 67.7675, 81.4768 looks on a white background.

Color Contrast Check

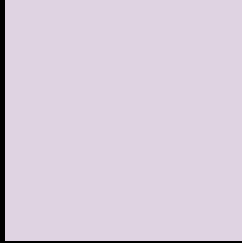
Large Text (above 18pt) WCAG AA × Fail

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 67.4532, 67.7675, 81.4768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

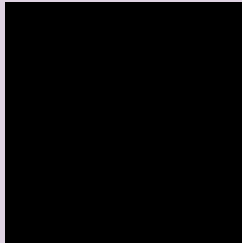
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

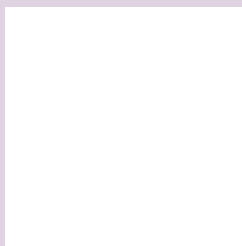
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.4532, 67.7675, 81.4768

Background



This preview shows how black text looks on a background with the XYZ color 67.4532, 67.7675, 81.4768.



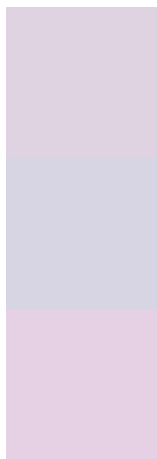
This preview shows how white text looks on a background with the XYZ color 67.4532, 67.7675,

81.4768.

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

67.4532, 67.7675, 81.4768

Protanopia

65.6837, 67.5816, 82.2557

Deuteranopia

69.0541, 67.4808, 82.0586



Tritanopia

67.5908, 67.8226, 82.2017

Trichromacy



Original Color

67.4532, 67.7675, 81.4768

Protanomaly

66.3221, 67.5384, 82.2137

Deuteranomaly

68.3441, 67.4779, 82.0955

Tritanomaly

67.5908, 67.8226, 82.2017

Monochromacy



Original Color

67.4532, 67.7675, 81.4768

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.1783, 68.3205, 77.4094

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4532, 67.7675, 81.4768 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(223, 211, 226) looks like.

```
.text, #text, p{  
    color:rgb(223, 211, 226)  
}
```

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(223, 211, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 211, 226) }
```

Border

The CSS property to change the border of an element to XYZ 67.4532, 67.7675, 81.4768 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(223, 211, 226) }
```


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

```
.border{ border-color:rgb(223, 211, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 211, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 211, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 211, 226);  
box-shadow:4px 4px 4px 4px rgb(223, 211,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4532, 67.7675, 81.4768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 211, 226) }
```

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

```
.background{ background-color: rgb(223,  
211, 226) }
```

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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