

Converting Colors

XYZ(64.0327, 66.0070, 78.1687)

Have a look what the booklet for
XYZ(64.0327, 66.0070, 78.1687)
contains.

XYZ(64.2106, 66.1586, 78.4929)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(64.2106, 66.1586,
78.4929)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D3DE
RGB	214, 211, 222
RGB Percent	84%, 83%, 87%
CMY	0.1608, 0.1725, 0.1294
CMYK	0.04, 0.05, 0.00, 0.13
HSL	256°, 14%, 85%
HSV	256°, 5%, 87%
XYZ	64.2106, 66.1586, 78.4929
YIQ	213.1510, -1.7430, 4.0570

Conversions

Conversions Part 2

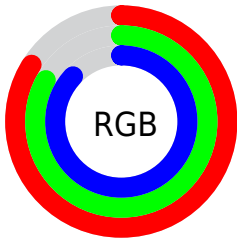
Format	Color
R_{YB}	214, 211, 222
Decimal	14078942
CIE _{Lab}	85.08, 3.05, -5.06
CIE _{LCh}	85, 5.906, 301.065
Yxy	66.1586, 0.3074, 0.3168
Android (android.graphics.Color)	4292269022 (0xFFD6D3DE)
YUV	213.1510, 4.3626, 0.7446
Hunter-Lab	81.3379, -1.4282, -0.2796

Details

The XYZ color **64.2106, 66.1586, 78.4929** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.0952, 72.0076, 71.9939**, and the grayscale version is **63.3210, 66.6187, 72.5477**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.3301, 34.2749, 41.4182** is the 20% darker color. If you saturate the color by 10%, you get **54.5900, 53.5708, 76.5713**, and if you desaturate by 10%, it is **75.0641, 80.5163, 80.6932**.

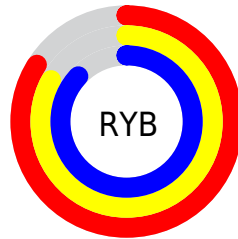
Distribution



Red (84%)

Green (83%)

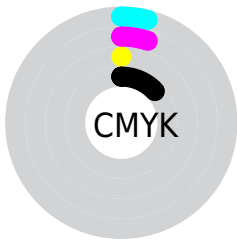
Blue (87%)



Red (84%)

Yellow (83%)

Blue (87%)

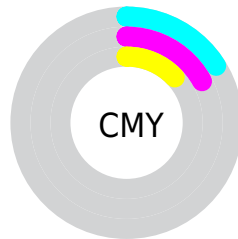


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (13%)



Cyan (16%)

Magenta (17%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.2106, 66.1586, 78.4929 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 64.2106, 66.1586, 78.4929 by changing the saturation by 10% instead.

■ 64.2106, 66.1586,
78.4929

■ 64.2106, 66.1586,
78.4929

429.5399,
446.9439, 509.4114

■ 47.0836, 48.4012,
57.9601

109.9862,
113.7139, 133.0369

■ 33.3100, 34.1447,
41.3621

139.3655,
144.2806, 167.8852

■ 22.5244, 23.0048,
28.2803

173.5597,
179.8859, 208.3424

■ 14.3615, 14.5970,
18.2962

212.9340,
220.9140, 254.8271

■ 8.4559, 8.5371,
10.9912

257.8538,
267.7495, 307.7578

■ 4.4423, 4.4405,
5.9468

308.6845,

■ 1.9552, 1.9229,

320.7767, 367.5531

2.7445

365.7914,
380.3800, 434.6314

■ 0.6086, 0.5621,
0.9657

■ 0.0000, 0.0000,
0.0000

■ 64.2106, 66.1586,
78.4929

■ 64.2106, 66.1586,
78.4929

■ 54.5900, 53.5708,
76.5713

■ 75.0641, 80.5163,
80.6932

■ 46.1519, 42.6754,
74.9130

■ 87.0576, 96.4418,
83.1350

■ 38.8510, 33.4016,
73.5078

■ 90.1850, 98.0540,
83.2813

■ 32.6367, 25.6703,
72.3430

■ 27.4544, 19.3958,
71.4050

■ 23.2444, 14.4835,
70.6788

■ 19.9407, 10.8276,
70.1472

■ 17.4677, 8.3059,
69.7908

■ 15.7360, 6.7702,
69.5857

Harmonies

Analogous

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



62.9293, 66.1586, 79.6090



64.2106, 66.1586, 78.4929



65.1465, 66.1586, 75.6373

Triad

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



64.2106, 66.1586, 78.4929



64.1272, 66.1586, 65.8140



60.3594, 66.1586, 72.1717

Complementary

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



64.2106, 66.1586, 78.4929



67.0952, 72.0076, 71.9939

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.



60.6701, 66.1586, 68.5498



64.2106, 66.1586, 78.4929



62.8343, 66.1586, 64.9581

Square

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



64.2106, 66.1586, 78.4929



65.0978, 66.1586, 68.3220



61.5714, 66.1586, 65.9423



60.7166, 66.1586, 75.8811

Rectangle

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



64.2106, 66.1586, 78.4929



65.4420, 66.1586, 73.1790



61.5714, 66.1586, 65.9423



60.3892, 66.1586, 70.9039

Sweetspot

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



64.2125, 66.1614, 78.4943



93.5627, 98.0336, 108.5988



65.4000, 69.8227, 79.1385



20.0419, 21.0040, 23.2478



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.



64.2125, 66.1614, 78.4943



86.3846, 88.5733, 107.1511



65.8252, 66.9928, 78.5698



13.9228, 14.2388, 17.4022



9.0478, 3.7596, 41.2972



0.7118, 0.3042, 2.8665

Inverse Universe

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



66.2070, 67.2356, 76.5097



89.6978, 90.3581, 103.8405



65.4867, 71.1784, 71.9187



14.5105, 14.5554, 16.8137



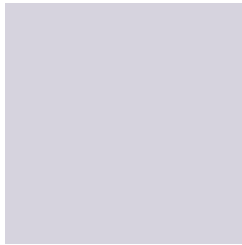
21.7899, 10.7830, 21.3573



1.5473, 0.7622, 1.6751

Previews

White Background



This preview shows how the XYZ color 64.2106, 66.1586, 78.4929 looks on a white background.

Color Contrast Check

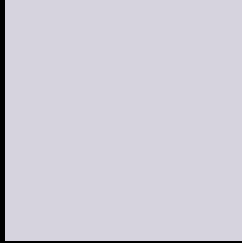
Large Text (above 18pt) WCAG AA × Fail

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 64.2106, 66.1586, 78.4929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

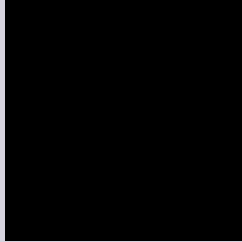
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

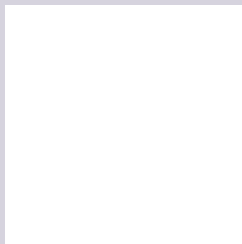
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.2106, 66.1586, 78.4929

Background



This preview shows how black text looks on a background with the XYZ color 64.2106, 66.1586, 78.4929.

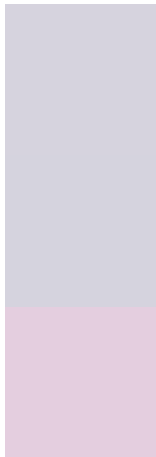


This preview shows how white text looks on a background with the XYZ color 64.2106, 66.1586,

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

64.2106, 66.1586, 78.4929

Protanopia

63.9197, 66.0086, 78.4792

Deuteranopia

67.3855, 65.9643, 78.9928



Tritanopia

64.9361, 66.0863, 82.0065

Trichromacy



Original Color

64.2106, 66.1586, 78.4929

Protanomaly

63.9197, 66.0086, 78.4792

Deuteranomaly

66.3066, 66.1274, 79.0812

Tritanomaly

64.6615, 65.9765, 80.5609

Monochromacy



Original Color

64.2106, 66.1586, 78.4929

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.3787, 66.1910, 74.4015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2106, 66.1586, 78.4929 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(214, 211, 222) looks like.

```
.text, #text, p{  
    color:rgb(214, 211, 222)  
}
```

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(214, 211, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 211, 222) }
```

Border

The CSS property to change the border of an element to XYZ 64.2106, 66.1586, 78.4929 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(214, 211, 222) }
```


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

```
.border{ border-color:rgb(214, 211, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 211, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 211, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 211, 222);  
box-shadow:4px 4px 4px 4px rgb(214, 211,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2106, 66.1586, 78.4929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 211, 222) }
```

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

```
.background{ background-color: rgb(214,  
211, 222) }
```

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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