

Converting Colors

XYZ(62.9600, 64.1996, 75.8379)

Have a look what the booklet for
XYZ(62.9600, 64.1996, 75.8379)
contains.

XYZ(62.8306, 64.0363, 76.0665)	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(62.8306, 64.0363,
76.0665)**

Conversions

Conversions Part 1

Format	Color
Hex	D6CFDB
RGB	214, 207, 219
RGB Percent	84%, 81%, 86%
CMY	0.1608, 0.1882, 0.1412
CMYK	0.02, 0.05, 0.00, 0.14
HSL	275°, 14%, 84%
HSV	275°, 5%, 86%
XYZ	62.8306, 64.0363, 76.0665
YIQ	210.4610, 0.3200, 5.2160

Conversions

Conversions Part 2

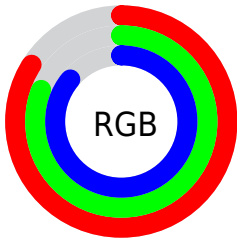
Format	Color
R _Y B	214, 207, 219
Decimal	14077915
CIE Lab	83.98, 4.59, -5.08
CIE LCh	84, 6.844, 312.131
Yxy	64.0363, 0.3096, 0.3156
Android (android.graphics.Color)	4292267995 (0xFFD6CFDB)
YUV	210.4610, 4.2097, 3.1037
Hunter-Lab	80.0227, 0.1113, -0.3429

Details

The XYZ color **62.8306, 64.0363, 76.0665** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.7477, 69.1667, 69.0254**, and the grayscale version is **61.5362, 64.7409, 70.5028**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.3901, 32.8337, 39.7524** is the 20% darker color. If you saturate the color by 10%, you get **55.2995, 52.8177, 74.2990**, and if you desaturate by 10%, it is **71.2506, 76.8092, 78.0891**.

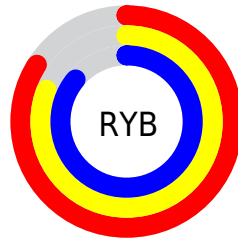
Distribution



Red (84%)

Green (81%)

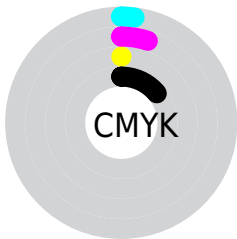
Blue (86%)



Red (84%)

Yellow (81%)

Blue (86%)

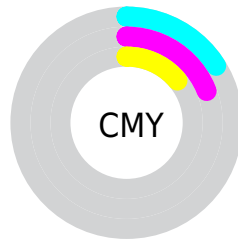


Cyan (2%)

Magenta (5%)

Yellow (0%)

Black (14%)



Cyan (16%)

Magenta (19%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.8306, 64.0363, 76.0665 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 62.8306, 64.0363, 76.0665 by changing the saturation by 10% instead.

■ 62.8306, 64.0363,
76.0665

■ 62.8306, 64.0363,
76.0665

424.6239,
439.3207, 500.9282

■ 45.9623, 46.6801,
55.9801

108.0083,
110.6632, 129.5819

■ 32.4206, 32.7828,
39.7830

137.0484,
140.7027, 163.8478

■ 21.8400, 21.9601,
27.0569

170.8764,
175.7387, 203.6774

■ 13.8554, 13.8276,
17.3832

209.8578,
216.1557, 249.4891

■ 8.1012, 8.0009,
10.3432

254.3579,
262.3379, 301.7015

■ 4.2121, 4.0955,
5.5185

304.7421,

■ 1.8228, 1.7271,

314.6699, 360.7332

2.4906

361.3756,
373.5361, 427.0025

■ 0.5314, 0.4411,
0.8352

■ 0.0000, 0.0000,
0.0000

■ 62.8306, 64.0363,
76.0665

■ 62.8306, 64.0363,
76.0665

■ 55.2995, 52.8177,
74.2990

■ 71.2506, 76.8092,
78.0891

■ 48.6191, 43.0836,
72.7722

■ 80.5847, 91.1861,
80.3722

■ 42.7568, 34.7712,
71.4767

■ 84.9531, 95.4029,
80.9558

■ 37.6753, 27.8097,
70.4009

■ 88.1541, 97.0531,
81.1057

■ 33.3341, 22.1224,
69.5319

■ 89.7864, 97.8945,
81.1820

■ 29.6889, 17.6243,
68.8558

■ 26.6898, 14.2199,
68.3568

■ 24.2792, 11.7983,
68.0164

■ 22.3870, 10.2234,
67.8121

Harmonies

Analogous

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



61.4760, 64.0363, 78.1630



62.8306, 64.0363, 76.0665



63.6663, 64.0363, 72.3040

Triad

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



62.8306, 64.0363, 76.0665



61.7587, 64.0363, 62.1156



58.0734, 64.0363, 71.4845

Complementary

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



62.8306, 64.0363, 76.0665



63.7477, 69.1667, 69.0254

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.



58.1462, 64.0363, 67.2074



62.8306, 64.0363, 76.0665



60.2572, 64.0363, 61.9166

Square

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



62.8306, 64.0363, 76.0665



63.0405, 64.0363, 64.3007



58.9400, 64.0363, 63.7455



58.7394, 64.0363, 75.4453

Rectangle

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



62.8306, 64.0363, 76.0665



63.8085, 64.0363, 69.4163



58.9400, 64.0363, 63.7455



58.0126, 64.0363, 70.0339

Sweetspot

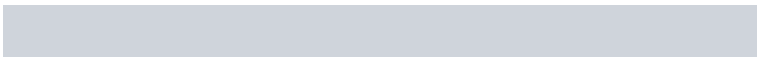
The Sweet Spot groups the original color and five complimentary colors.



62.8325, 64.0390, 76.0679



92.6669, 96.3882, 108.3285



62.1143, 65.5694, 76.4011



19.8595, 20.6689, 23.1927



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.



62.8325, 64.0390, 76.0679



86.9334, 87.7515, 106.9636



64.2092, 64.7609, 75.5840



13.3804, 13.4657, 16.5460



12.9632, 5.8070, 40.1760



0.9371, 0.4264, 2.6073

Inverse Universe

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



63.4121, 64.4421, 71.3869



87.9864, 88.4828, 98.4994



62.4266, 68.4743, 69.4753



13.5547, 13.5866, 15.1474



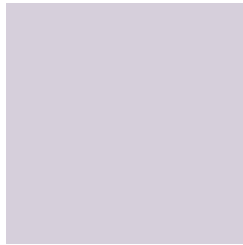
18.5006, 9.4013, 7.0164



1.2409, 0.6260, 0.6773

Previews

White Background



This preview shows how the XYZ color 62.8306, 64.0363, 76.0665 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 62.8306, 64.0363, 76.0665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

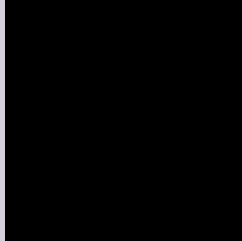
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

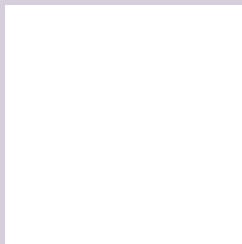
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.8306, 64.0363, 76.0665

Background



This preview shows how black text looks on a background with the XYZ color 62.8306, 64.0363, 76.0665.

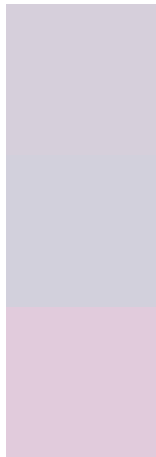


This preview shows how white text looks on a background with the XYZ color 62.8306, 64.0363,

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

62.8306, 64.0363, 76.0665

Protanopia

62.0525, 63.9807, 76.7891

Deuteranopia

65.3255, 63.8867, 76.5985



Tritanopia

63.4149, 63.9174, 78.8070

Trichromacy



Original Color

62.8306, 64.0363, 76.0665

Protanomaly

62.3381, 64.1279, 76.8025

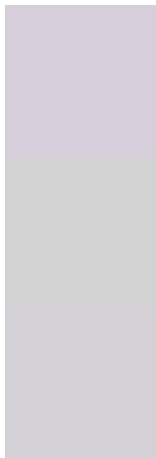
Deuteranomaly

64.3299, 63.7252, 76.6198

Tritanomaly

63.2805, 63.8636, 78.0989

Monochromacy



Original Color

62.8306, 64.0363, 76.0665

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.6747, 64.2539, 72.1024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.8306, 64.0363, 76.0665 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, 207, 219) looks like.

```
.text, #text, p{  
    color:rgb(214, 207, 219)  
}
```

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, 207, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 207, 219) }
```

Border

The CSS property to change the border of an element to XYZ 62.8306, 64.0363, 76.0665 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, 207, 219) }
```


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

```
.border{ border-color:rgb(214, 207, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 207, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 207, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 207, 219);  
box-shadow:4px 4px 4px 4px rgb(214, 207,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 62.8306, 64.0363, 76.0665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 207, 219) }
```

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

```
.background{ background-color: rgb(214,  
207, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor