

Converting Colors

XYZ(61.8804, 60.1129, 74.7555)

Have a look what the booklet for
XYZ(61.8804, 60.1129, 74.7555)
contains.

XYZ(61.8346, 60.0545, 74.6623)	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(61.8346, 60.0545,
74.6623)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC5DA
RGB	219, 197, 218
RGB Percent	86%, 77%, 85%
CMY	0.1412, 0.2274, 0.1451
CMYK	0.00, 0.10, 0.00, 0.14
HSL	303°, 23%, 82%
HSV	303°, 10%, 86%
XYZ	61.8346, 60.0545, 74.6623
YIQ	205.9720, 6.3710, 11.1950

Conversions

Conversions Part 2

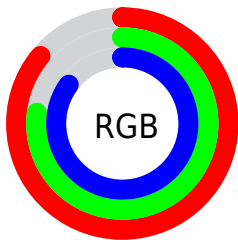
Format	Color
R _Y B	219, 197, 218
Decimal	14403034
CIE Lab	81.87, 11.40, -7.63
CIE LCh	82, 13.717, 326.222
Yxy	60.0545, 0.3146, 0.3055
Android (android.graphics.Color)	4292593114 (0xFFDBC5DA)
YUV	205.9720, 5.9298, 11.4256
Hunter-Lab	77.4948, 6.8126, -2.8765

Details

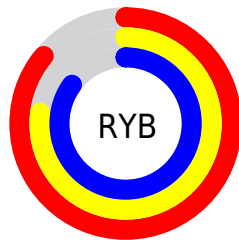
The XYZ color **61.8346, 60.0545, 74.6623** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5529, 66.6124, 63.2007**, and the grayscale version is **58.6102, 61.6625, 67.1504**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **31.7432, 30.1818, 38.8030** is the 20% darker color. If you saturate the color by 10%, you get **57.0894, 50.7711, 72.4401**, and if you desaturate by 10%, it is **67.3065, 70.7882, 77.1320**.

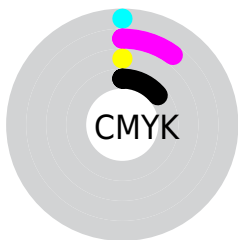
Distribution



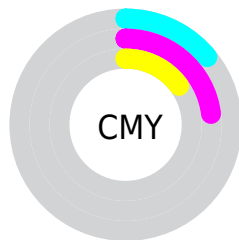
- Red (86%)
- Green (77%)
- Blue (85%)



- Red (86%)
- Yellow (77%)
- Blue (85%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (14%)



- Cyan (14%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8346, 60.0545, 74.6623 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 61.8346, 60.0545, 74.6623 by changing the saturation by 10% instead.

61.8346, 60.0545,
74.6623

61.8346, 60.0545,
74.6623

421.0547,
424.7986, 495.9805

45.1542, 43.4626,
54.8362

106.5777,
104.9087, 127.5769

31.7807, 30.2482,
38.8729

135.3711,
133.9398, 161.5025

21.3488, 20.0271,
26.3538

168.9329,
167.8860, 200.9651

13.4931, 12.4147,
16.8604

207.6284,
207.1319, 246.3831

7.8483, 7.0268,
9.9741

251.8230,
252.0616, 298.1750

4.0490, 3.4789,
5.2764

301.8820,

1.7299, 1.3865,

303.0597, 356.7596

2.3488

358.1708,
360.5106, 422.5552

■ 0.4749, 0.2068,
0.7583

■ 0.0000, 0.0000,
0.0000

■ 61.8346, 60.0545,
74.6623

■ 61.8346, 60.0545,
74.6623

■ 57.0894, 50.7711,
72.4401

■ 67.3065, 70.7882,
77.1320

■ 53.0345, 42.8682,
70.4512

■ 73.5290, 83.0226,
79.8551

■ 49.6386, 36.2818,
68.6858

■ 78.0236, 91.8002,
82.0061

■ 46.8656, 30.9400,
67.1318

■ 78.1568, 91.8535,
82.7071

44.6760, 26.7638,
65.7762

78.2907, 91.9070,
83.4123

43.0259, 23.6654,
64.6042

78.4254, 91.9609,
84.1217

41.8651, 21.5443,
63.5992

78.5609, 92.0151,
84.8352

41.1341, 20.2815,
62.7412

78.6972, 92.0696,
85.5529

40.7277, 19.6658,
61.9979

78.8343, 92.1245,
86.2748

Harmonies

Analogous

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



59.5759, 60.0545, 80.7640



61.8346, 60.0545, 74.6623



62.8185, 60.0545, 66.4456

Triad

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



61.8346, 60.0545, 74.6623



57.4477, 60.0545, 50.7324



52.2290, 60.0545, 72.6915

Complementary

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



61.8346, 60.0545, 74.6623



58.5529, 66.6124, 63.2007

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.



51.7021, 60.0545, 64.3439



61.8346, 60.0545, 74.6623



54.6548, 60.0545, 52.1009

Square

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



61.8346, 60.0545, 74.6623



60.2322, 60.0545, 53.0093



52.5756, 60.0545, 56.9175



54.0398, 60.0545, 79.5603

Rectangle

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



61.8346, 60.0545, 74.6623



62.5953, 60.0545, 61.0346



52.5756, 60.0545, 56.9175



51.8986, 60.0545, 69.9460

Sweetspot

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



61.8364, 60.0571, 74.6636



92.6019, 95.1934, 107.8079



55.9735, 57.0195, 75.0747



19.6841, 20.1073, 23.0140



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.



61.8364, 60.0571, 74.6636



85.8300, 81.9173, 104.7253



60.4768, 59.5133, 67.5045



13.5875, 13.2641, 16.3548



24.1606, 11.6653, 36.8213



1.5733, 0.7590, 2.4280

Inverse Universe

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



61.8364, 60.0571, 74.6636



85.8300, 81.9173, 104.7253



59.8352, 67.1253, 69.9535



13.5875, 13.2641, 16.3548



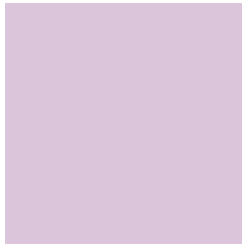
24.1606, 11.6653, 36.8213



1.5733, 0.7590, 2.4280

Previews

White Background



This preview shows how the XYZ color 61.8346, 60.0545, 74.6623 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 61.8346, 60.0545, 74.6623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

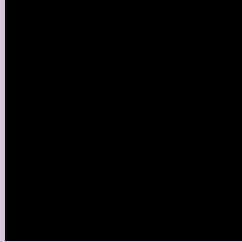
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.8346, 60.0545, 74.6623

Background



This preview shows how black text looks on a background with the XYZ color 61.8346, 60.0545, 74.6623.



This preview shows how white text looks on a background with the XYZ color 61.8346, 60.0545,

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

61.8346, 60.0545, 74.6623

Protanopia

58.5288, 60.0181, 76.9065

Deuteranopia

61.4642, 60.2018, 74.7103



Tritanopia

61.1178, 60.0977, 71.3296

Trichromacy



Original Color

61.8346, 60.0545, 74.6623

Protanomaly

59.5850, 59.8858, 76.1288

Deuteranomaly

61.7624, 60.3555, 74.7242

Tritanomaly

61.3733, 60.1999, 72.6750

Monochromacy



Original Color

61.8346, 60.0545, 74.6623

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.8528, 61.2139, 69.6337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8346, 60.0545, 74.6623 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(219, 197, 218)` looks like.

```
.text, #text, p{  
    color:rgb(219, 197, 218)  
}
```

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(219, 197, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 197, 218) }
```

Border

The CSS property to change the border of an element to XYZ 61.8346, 60.0545, 74.6623 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(219, 197, 218) }
```


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

```
.border{ border-color:rgb(219, 197, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 197, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 197, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 197, 218);  
box-shadow:4px 4px 4px 4px rgb(219, 197,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8346, 60.0545, 74.6623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 197, 218) }
```

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

```
.background{ background-color: rgb(219,  
197, 218) }
```

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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