

Converting Colors

XYZ(63.3641, 61.5939, 76.3279)

Have a look what the booklet for
XYZ(63.3641, 61.5939, 76.3279)
contains.

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Color

**XYZ(63.1605, 61.3863,
76.2300)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>DDC7DC</code>
RGB	<code>221, 199, 220</code>
RGB Percent	<code>87%, 78%, 86%</code>
CMY	<code>0.1333, 0.2196, 0.1372</code>
CMYK	<code>0.00, 0.10, 0.00, 0.13</code>
HSL	<code>303°, 24%, 82%</code>
HSV	<code>303°, 10%, 87%</code>
XYZ	<code>63.1605, 61.3863, 76.2300</code>
YIQ	<code>207.9720, 6.3710, 11.1950</code>

Conversions

Conversions Part 2

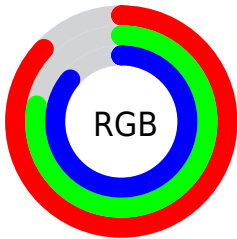
Format	Color
R _Y B	221, 199, 220
Decimal	14534620
CIE Lab	82.59, 11.38, -7.61
CIE LCh	83, 13.693, 326.216
Yxy	61.3863, 0.3146, 0.3057
Android (android.graphics.Color)	4292724700 (0xFFDDC7DC)
YUV	207.9720, 5.9298, 11.4256
Hunter-Lab	78.3494, 6.7843, -2.8416

Details

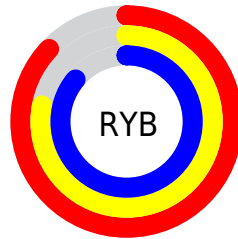
The XYZ color **63.1605, 61.3863, 76.2300** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.8373, 68.0269, 64.6235**, and the grayscale version is **59.8975, 63.0168, 68.6253**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.6428, 31.0744, 39.8748** is the 20% darker color. If you saturate the color by 10%, you get **58.3083, 51.8934, 73.9587**, and if you desaturate by 10%, it is **68.7555, 72.3617, 78.7544**.

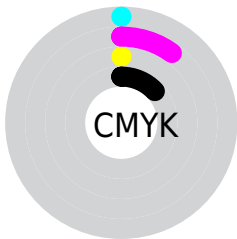
Distribution



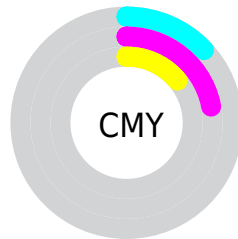
- Red (87%)
- Green (78%)
- Blue (86%)



- Red (87%)
- Yellow (78%)
- Blue (86%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.1605, 61.3863, 76.2300 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 63.1605, 61.3863, 76.2300 by changing the saturation by 10% instead.

63.1605, 61.3863,
76.2300

63.1605, 61.3863,
76.2300

425.8022,
429.6890, 501.5024

46.2302, 44.5370,
56.1133

108.4815,
106.8381, 129.8150

32.6329, 31.0929,
39.8892

137.6030,
136.2093, 164.1205

22.0033, 20.6696,
27.1390

171.5189,
170.5234, 203.9926

13.9759, 12.8827,
17.4443

210.5945,
210.1646, 249.8500

8.1855, 7.3478,
10.3865

255.1953,
255.5173, 302.1111

4.2667, 3.6806,
5.5470

305.6866,

1.8541, 1.4965,

306.9661, 361.1945

2.5074

362.4338,
364.8951, 427.5188

■ 0.5499, 0.2863,
0.8440

■ 0.0000, 0.0000,
0.0000

■ 63.1605, 61.3863,
76.2300

■ 63.1605, 61.3863,
76.2300

■ 58.3083, 51.8934,
73.9587

■ 68.7555, 72.3617,
78.7544

■ 54.1619, 43.8117,
71.9258

■ 75.1176, 84.8711,
81.5377

■ 50.6891, 37.0757,
70.1214

■ 78.9007, 92.2210,
83.4652

■ 47.8530, 31.6121,
68.5331

■ 79.0366, 92.2753,
84.1810

45.6133, 27.3400,
67.1476

79.1734, 92.3300,
84.9011

43.9252, 24.1698,
65.9498

79.3109, 92.3850,
85.6254

42.7374, 21.9989,
64.9228

79.4493, 92.4404,
86.3540

41.9890, 20.7056,
64.0461

79.5884, 92.4961,
87.0868

41.5729, 20.0757,
63.2840

79.7284, 92.5520,
87.8239

Harmonies

Analogous

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



60.8732, 61.3863, 82.4038



63.1605, 61.3863, 76.2300



64.1568, 61.3863, 67.9109

Triad

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



63.1605, 61.3863, 76.2300



58.7188, 61.3863, 51.9817



53.4305, 61.3863, 74.2323

Complementary

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



63.1605, 61.3863, 76.2300



59.8373, 68.0269, 64.6235

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.



52.8968, 61.3863, 65.7790



63.1605, 61.3863, 76.2300



55.8894, 61.3863, 53.3694

Square

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



63.1605, 61.3863, 76.2300



61.5388, 61.3863, 54.2921



53.7823, 61.3863, 58.2532



55.2653, 61.3863, 81.1843

Rectangle

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



63.1605, 61.3863, 76.2300



63.9311, 61.3863, 62.4288



53.7823, 61.3863, 58.2532



53.0957, 61.3863, 71.4527

Sweetspot

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



63.1623, 61.3890, 76.2313



92.6019, 95.1934, 107.8080



57.2255, 58.3131, 76.6471



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.



63.1623, 61.3890, 76.2313



85.8301, 81.9173, 104.7256



61.7859, 60.8384, 68.9836



13.5875, 13.2641, 16.3549



24.1608, 11.6653, 36.8222



1.5733, 0.7590, 2.4281

Inverse Universe

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



63.1623, 61.3890, 76.2313



85.8301, 81.9173, 104.7256



61.1362, 68.5464, 71.4635



13.5875, 13.2641, 16.3549



24.1608, 11.6653, 36.8222



1.5733, 0.7590, 2.4281

Previews

White Background



This preview shows how the XYZ color 63.1605, 61.3863, 76.2300 looks on a white background.

Color Contrast Check

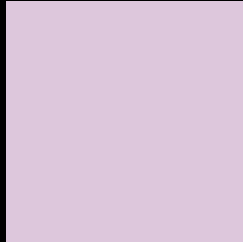
Large Text (above 18pt) WCAG AA × Fail

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 63.1605, 61.3863, 76.2300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

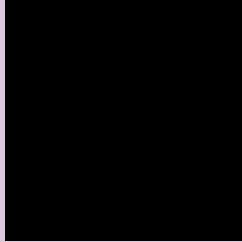
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.1605, 61.3863, 76.2300

Background



This preview shows how black text looks on a background with the XYZ color 63.1605, 61.3863, 76.2300.



This preview shows how white text looks on a background with the XYZ color 63.1605, 61.3863,

76.2300.

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

63.1605, 61.3863, 76.2300

Protanopia

59.8140, 61.3508, 78.5014

Deuteranopia

62.7860, 61.5359, 76.2786



Tritanopia

62.4352, 61.4305, 72.8566

Trichromacy



Original Color

63.1605, 61.3863, 76.2300

Protanomaly

60.8837, 61.2166, 77.7143

Deuteranomaly

63.0877, 61.6915, 76.2927

Tritanomaly

62.6939, 61.5340, 74.2186

Monochromacy



Original Color

63.1605, 61.3863, 76.2300

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.1556, 62.5622, 71.1398

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.1605, 61.3863, 76.2300 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(221, 199, 220)` looks like.

```
.text, #text, p{  
    color:rgb(221, 199, 220)  
}
```

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(221, 199, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 199, 220) }
```

Border

The CSS property to change the border of an element to XYZ 63.1605, 61.3863, 76.2300 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(221, 199, 220) }
```


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

```
.border{ border-color:rgb(221, 199, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 199, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 199, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 199, 220);  
box-shadow:4px 4px 4px 4px rgb(221, 199,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 63.1605, 61.3863, 76.2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 199, 220) }
```

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

```
.background{ background-color: rgb(221,  
199, 220) }
```

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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