

Converting Colors

XYZ(61.4141, 61.2290, 76.9887)

Have a look what the booklet for
XYZ(61.4141, 61.2290, 76.9887)
contains.

XYZ(61.3784, 61.1399, 76.9728)	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(61.3784, 61.1399,
76.9728)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C9DD
RGB	213, 201, 221
RGB Percent	84%, 79%, 87%
CMY	0.1647, 0.2117, 0.1333
CMYK	0.04, 0.09, 0.00, 0.13
HSL	276°, 23%, 83%
HSV	276°, 9%, 87%
XYZ	61.3784, 61.1399, 76.9728
YIQ	206.8680, 0.7320, 8.7640

Conversions

Conversions Part 2

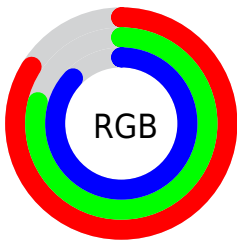
Format	Color
R _Y B	213, 201, 221
Decimal	14010845
CIE Lab	82.45, 7.81, -8.42
CIE LCh	82, 11.480, 312.849
Yxy	61.1399, 0.3077, 0.3065
Android (android.graphics.Color)	4292200925 (0xFFD5C9DD)
YUV	206.8680, 6.9671, 5.3778
Hunter-Lab	78.1920, 3.2812, -3.6311

Details

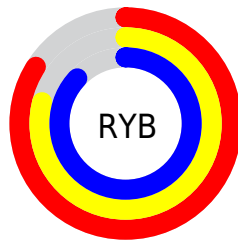
The XYZ color **61.3784, 61.1399, 76.9728** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.6958, 69.4868, 65.3693**, and the grayscale version is **59.1810, 62.2630, 67.8045**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4172, 30.8897, 40.3828** is the 20% darker color. If you saturate the color by 10%, you get **54.0982, 50.2827, 75.2618**, and if you desaturate by 10%, it is **69.5432, 73.5569, 78.9401**.

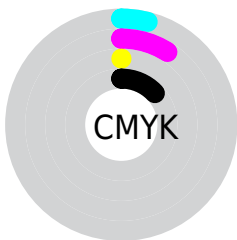
Distribution



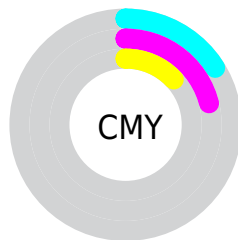
- Red (84%)
- Green (79%)
- Blue (87%)



- Red (84%)
- Yellow (79%)
- Blue (87%)



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



- Cyan (16%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3784, 61.1399, 76.9728 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 61.3784, 61.1399, 76.9728 by changing the saturation by 10% instead.

■ 61.3784, 61.1399,
76.9728

■ 61.3784, 61.1399,
76.9728

419.4138,
428.7868, 504.1065

■ 44.7843, 44.3381,
56.7191

105.9217,
106.4815, 130.8737

■ 31.4881, 30.9364,
40.3719

134.6015,
135.7900, 165.3581

■ 21.1245, 20.5504,
27.5127

168.0407,
170.0363, 205.4231

■ 13.3280, 12.7958,
17.7228

206.6046,
209.6046, 251.4872

■ 7.7333, 7.2881,
10.5838

250.6585,
254.8794, 303.9691

■ 3.9752, 3.6429,
5.6771

300.5678,

■ 1.6881, 1.4759,

306.2451, 363.2873

2.5841

356.6978,
364.0861, 429.8602

■ 0.4488, 0.2717,
0.8842

■ 0.0000, 0.0000,
0.0000

■ 61.3784, 61.1399,
76.9728

■ 61.3784, 61.1399,
76.9728

■ 54.0982, 50.2827,
75.2618

■ 69.5432, 73.5569,
78.9401

■ 47.6636, 40.9131,
73.7924

■ 78.6190, 87.5860,
81.1697

■ 42.0402, 32.9652,
72.5547

■ 84.5856, 95.1828,
82.3215

■ 37.1893, 26.3648,
71.5364

■ 87.6528, 96.7640,
82.4651

■ 33.0686, 21.0307,
70.7240

■ 90.0513, 98.0005,
82.5773

■ 29.6311, 16.8727,
70.1026

■ 26.8238, 13.7885,
69.6552

■ 24.5843, 11.6571,
69.3618

■ 22.8152, 10.2879,
69.1908

Harmonies

Analogous

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



59.1668, 61.1399, 80.6272



61.3784, 61.1399, 76.9728



62.7357, 61.1399, 70.6341

Triad

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



61.3784, 61.1399, 76.9728



59.5136, 61.1399, 54.4806



53.6337, 61.1399, 69.6201

Complementary

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



61.3784, 61.1399, 76.9728



62.6958, 69.4868, 65.3693

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.



53.7206, 61.1399, 62.6667



61.3784, 61.1399, 76.9728



57.0691, 61.1399, 54.2514

Square

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



61.3784, 61.1399, 76.9728



61.6384, 61.1399, 57.8013



54.9629, 61.1399, 57.1512



54.7220, 61.1399, 76.1856

Rectangle

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



61.3784, 61.1399, 76.9728



62.9505, 61.1399, 65.9019



54.9629, 61.1399, 57.1512



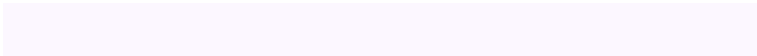
53.5273, 61.1399, 67.2446

Sweetspot

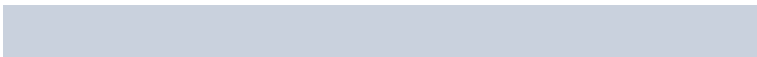
The Sweet Spot groups the original color and five complimentary colors.



61.3802, 61.1425, 76.9741



91.5409, 94.6400, 108.0504



60.0232, 63.4051, 77.4824



19.3969, 19.9575, 23.0798



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.



61.3802, 61.1425, 76.9741



82.7368, 81.3243, 105.9442



63.5373, 62.2801, 75.9217



13.0842, 13.0015, 16.4721



13.2941, 5.9776, 40.1915



0.9575, 0.4369, 2.6083

Inverse Universe

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



62.2162, 61.7516, 68.9646



84.1532, 82.3540, 92.4816



60.6859, 68.4279, 66.3042



13.2708, 13.1374, 14.6871



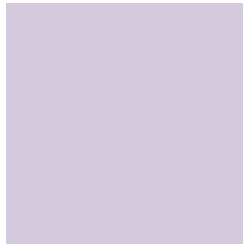
18.4078, 9.3642, 6.5277



1.2344, 0.6234, 0.6432

Previews

White Background



This preview shows how the XYZ color 61.3784, 61.1399, 76.9728 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 61.3784, 61.1399, 76.9728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

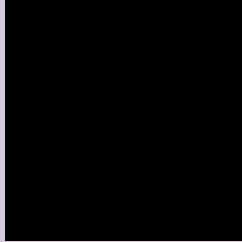
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3784, 61.1399, 76.9728

Background



This preview shows how black text looks on a background with the XYZ color 61.3784, 61.1399, 76.9728.



This preview shows how white text looks on a background with the XYZ color 61.3784, 61.1399,

76.9728.

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

61.3784, 61.1399, 76.9728

Protanopia

59.8140, 61.3508, 78.5014

Deuteranopia

62.3880, 60.9727, 76.8873



Tritanopia

60.7963, 61.2479, 74.2634

Trichromacy



Original Color

61.3784, 61.1399, 76.9728

Protanomaly

60.2729, 61.2512, 77.7532

Deuteranomaly

62.0243, 61.1279, 76.9365

Tritanomaly

60.9268, 61.3001, 74.9506

Monochromacy



Original Color

61.3784, 61.1399, 76.9728

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.0095, 61.9714, 71.0862

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3784, 61.1399, 76.9728 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(213, 201, 221) looks like.

```
.text, #text, p{  
    color:rgb(213, 201, 221)  
}
```

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(213, 201, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 201, 221) }
```

Border

The CSS property to change the border of an element to XYZ 61.3784, 61.1399, 76.9728 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(213, 201, 221) }
```


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

```
.border{ border-color:rgb(213, 201, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 201, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 201, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 201, 221);  
box-shadow:4px 4px 4px 4px rgb(213, 201,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3784, 61.1399, 76.9728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 201, 221) }
```

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

```
.background{ background-color: rgb(213,  
201, 221) }
```

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