

Converting Colors

XYZ(61.6170, 60.6663, 74.6404)

Have a look what the booklet for
XYZ(61.6170, 60.6663, 74.6404)
contains.

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Color

**XYZ(61.6936, 60.6605,
74.7867)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C7DA
RGB	217, 199, 218
RGB Percent	85%, 78%, 85%
CMY	0.1490, 0.2196, 0.1451
CMYK	0.00, 0.09, 0.00, 0.15
HSL	297°, 20%, 82%
HSV	297°, 9%, 85%
XYZ	61.6936, 60.6605, 74.7867
YIQ	206.5480, 4.6290, 9.7250

Conversions

Conversions Part 2

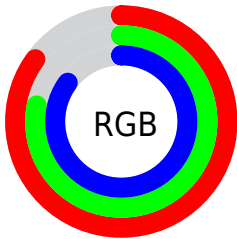
Format	Color
R _Y B	217, 199, 218
Decimal	14272474
CIE Lab	82.20, 9.66, -7.16
CIE LCh	82, 12.022, 323.453
Yxy	60.6605, 0.3129, 0.3077
Android (android.graphics.Color)	4292462554 (0xFFD9C7DA)
YUV	206.5480, 5.6458, 9.1664
Hunter-Lab	77.8849, 5.0937, -2.4121

Details

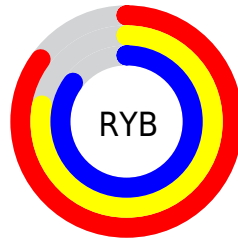
The XYZ color **61.6936, 60.6605, 74.7867** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.2018, 66.5472, 63.7605**, and the grayscale version is **58.9818, 62.0535, 67.5762**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.6365, 30.5765, 38.8848** is the 20% darker color. If you saturate the color by 10%, you get **56.6936, 51.1640, 73.2181**, and if you desaturate by 10%, it is **67.4181, 71.6005, 76.5975**.

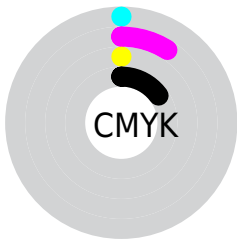
Distribution



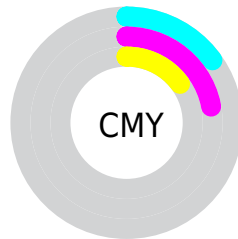
- Red (85%)
- Green (78%)
- Blue (85%)



- Red (85%)
- Yellow (78%)
- Blue (85%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (15%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6936, 60.6605, 74.7867 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 61.6936, 60.6605, 74.7867 by changing the saturation by 10% instead.

■ 61.6936, 60.6605,
74.7867

■ 61.6936, 60.6605,
74.7867

420.5480,
427.0281, 496.4200

■ 45.0398, 43.9512,
54.9375

106.3750,
105.7872, 127.7547

■ 31.6902, 30.6322,
38.9534

135.1334,
134.9735, 161.7106

■ 21.2794, 20.3189,
26.4159

168.6573,
169.0875, 201.2057

■ 13.4420, 12.6271,
16.9065

207.3121,
208.5137, 246.6587

■ 7.8127, 7.1723,
10.0066

251.4633,
253.6364, 298.4881

■ 4.0261, 3.5701,
5.2977

301.4761,

■ 1.7169, 1.4361,

304.8402, 357.1124

2.3612

357.7158,
362.5093, 422.9502

■ 0.4668, 0.2431,
0.7652

■ 0.0000, 0.0000,
0.0000

■ 61.6936, 60.6605,
74.7867

■ 61.6936, 60.6605,
74.7867

■ 56.6936, 51.1640,
73.2181

■ 67.4181, 71.6005,
76.5975

■ 52.3822, 43.0424,
71.8777

■ 73.8902, 84.0332,
78.6562

■ 48.7288, 36.2331,
70.7560

■ 78.0647, 91.8670,
79.9482

■ 45.6981, 30.6657,
69.8411

■ 78.4140, 92.0471,
79.9646

43.2516, 26.2632,
69.1202

78.7658, 92.2284,
79.9810

41.3465, 22.9400,
68.5792

79.1200, 92.4110,
79.9976

39.9341, 20.5987,
68.2018

79.4766, 92.5948,
80.0143

38.9570, 19.1248,
67.9687

79.8355, 92.7799,
80.0311

38.3272, 18.3417,
67.8508

80.1969, 92.9662,
80.0480

Harmonies

Analogous

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



59.6335, 60.6605, 79.8158



61.6936, 60.6605, 74.7867



62.6759, 60.6605, 67.6662

Triad

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



61.6936, 60.6605, 74.7867



58.2179, 60.6605, 53.0335



53.2654, 60.6605, 71.8086

Complementary

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



61.6936, 60.6605, 74.7867



59.2018, 66.5472, 63.7605

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.



52.9116, 60.6605, 64.4577



61.6936, 60.6605, 74.7867



55.7227, 60.6605, 53.9638

Square

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



61.6936, 60.6605, 74.7867



60.6313, 60.6605, 55.3780



53.7985, 60.6605, 58.0198



54.7797, 60.6605, 78.0096

Rectangle

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



61.6936, 60.6605, 74.7867



62.5673, 60.6605, 62.8293



53.7985, 60.6605, 58.0198



53.0087, 60.6605, 69.3768

Sweetspot

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



61.6954, 60.6631, 74.7880



92.5099, 95.1395, 108.0957



56.9268, 58.6392, 74.6487



19.6591, 20.0927, 23.0921



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.



61.6954, 60.6631, 74.7880



86.9559, 84.5421, 106.3429



60.9426, 60.3964, 69.2680



13.5432, 13.2381, 16.4935



22.9481, 10.9544, 40.6433



1.5079, 0.7206, 2.6341

Inverse Universe

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



59.7643, 59.9251, 63.0633



83.7994, 83.3363, 87.1532



59.9177, 66.8029, 68.9196



13.0837, 13.0626, 13.7019



17.3722, 8.9499, 1.0739



1.1354, 0.5838, 0.1222

Previews

White Background



This preview shows how the XYZ color 61.6936, 60.6605, 74.7867 looks on a white background.

Color Contrast Check

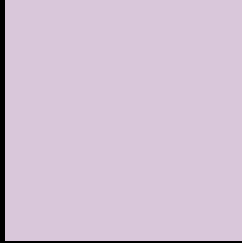
Large Text (above 18pt) WCAG AA × Fail

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 61.6936, 60.6605, 74.7867 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

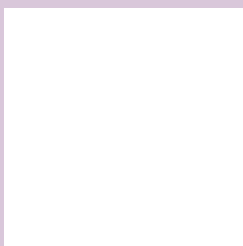
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.6936, 60.6605, 74.7867

Background



This preview shows how black text looks on a background with the XYZ color 61.6936, 60.6605, 74.7867.



This preview shows how white text looks on a background with the XYZ color 61.6936, 60.6605,

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

61.6936, 60.6605, 74.7867

Protanopia

59.0357, 60.6288, 76.9976

Deuteranopia

61.9918, 60.8142, 74.8007



Tritanopia

61.3044, 60.5049, 72.7375

Trichromacy



Original Color

61.6936, 60.6605, 74.7867

Protanomaly

60.0512, 60.8183, 76.2842

Deuteranomaly

61.9918, 60.8142, 74.8007

Tritanomaly

61.4334, 60.5564, 73.4164

Monochromacy



Original Color

61.6936, 60.6605, 74.7867

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.2147, 61.7378, 70.3709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6936, 60.6605, 74.7867 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(217, 199, 218)` looks like.

```
.text, #text, p{  
    color:rgb(217, 199, 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(217, 199, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 199, 218) }
```

Border

The CSS property to change the border of an element to XYZ 61.6936, 60.6605, 74.7867 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(217, 199, 218) }
```


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

```
.border{ border-color:rgb(217, 199, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 199, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 199, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 199, 218);  
box-shadow:4px 4px 4px 4px rgb(217, 199,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6936, 60.6605, 74.7867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 199, 218) }
```

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

```
.background{ background-color: rgb(217,  
199, 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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