

Converting Colors

XYZ(61.6668, 60.3177, 74.4853)

Have a look what the booklet for
XYZ(61.6668, 60.3177, 74.4853)
contains.

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Color

**XYZ(61.7624, 60.3555,
74.7242)**

Conversions

Conversions Part 1

Format	Color
Hex	DAC6DA
RGB	218, 198, 218
RGB Percent	85%, 78%, 85%
CMY	0.1451, 0.2235, 0.1451
CMYK	0.00, 0.09, 0.00, 0.15
HSL	300°, 21%, 82%
HSV	300°, 9%, 85%
XYZ	61.7624, 60.3555, 74.7242
YIQ	206.2600, 5.5000, 10.4600

Conversions

Conversions Part 2

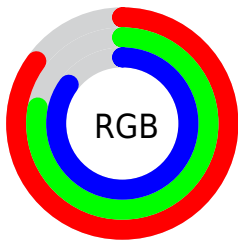
Format	Color
R_{YB}	218, 198, 218
Decimal	14337754
CIE Lab	82.03, 10.53, -7.39
CIE LCh	82, 12.866, 324.923
Yxy	60.3555, 0.3138, 0.3066
Android (android.graphics.Color)	4292527834 (0xFFDAC6DA)
YUV	206.2600, 5.7878, 10.2960
Hunter-Lab	77.6888, 5.9516, -2.6453

Details

The XYZ color **61.7624, 60.3555, 74.7242** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5554, 66.2275, 63.1262**, and the grayscale version is **58.7958, 61.8578, 67.3631**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.6884, 30.3774, 38.8436** is the 20% darker color. If you saturate the color by 10%, you get **57.1344, 51.0987, 73.1821**, and if you desaturate by 10%, it is **67.1110, 71.0518, 76.5079**.

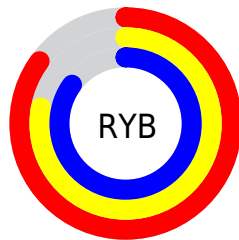
Distribution



Red (85%)

Green (78%)

Blue (85%)



Red (85%)

Yellow (78%)

Blue (85%)

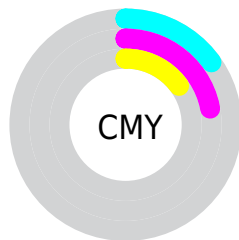


Cyan (0%)

Magenta (9%)

Yellow (0%)

Black (15%)



Cyan (15%)

Magenta (22%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7624, 60.3555, 74.7242 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 61.7624, 60.3555, 74.7242 by changing the saturation by 10% instead.

61.7624, 60.3555,
74.7242

61.7624, 60.3555,
74.7242

420.7953,
425.9069, 496.1992

45.0956, 43.7052,
54.8866

106.4739,
105.3452, 127.6654

31.7343, 30.4388,
38.9130

135.2494,
134.4534, 161.6060

21.3132, 20.1719,
26.3847

168.7918,
168.4831, 201.0848

13.4669, 12.5201,
16.8833

207.4665,
207.8186, 246.5202

7.8301, 7.0989,
9.9903

251.6388,
252.8443, 298.3308

4.0373, 3.5240,
5.2870

301.6742,

1.7233, 1.4111,

303.9447, 356.9352

2.3549

357.9378,
361.5041, 422.7518

■ 0.4708, 0.2248,
0.7618

■ 0.0000, 0.0000,
0.0000

■ 61.7624, 60.3555,
74.7242

■ 61.7624, 60.3555,
74.7242

■ 57.1344, 51.0987,
73.1821

■ 67.1110, 71.0518,
76.5079

■ 53.1914, 43.2127,
71.8676

■ 73.2038, 83.2372,
78.5390

■ 49.9023, 36.6346,
70.7711

■ 77.3290, 91.4877,
79.9142

■ 47.2319, 31.2939,
69.8809

■ 77.3291, 91.4877,
79.9144

45.1415, 27.1131,
69.1839

77.3291, 91.4877,
79.9145

43.5881, 24.0062,
68.6659

77.3291, 91.4878,
79.9147

42.5226, 21.8753,
68.3106

77.3292, 91.4878,
79.9149

41.8872, 20.6046,
68.0987

77.3292, 91.4878,
79.9150

41.5883, 20.0067,
67.9989

77.3292, 91.4878,
79.9152

Harmonies

Analogous

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



59.6028, 60.3555, 80.2882



61.7624, 60.3555, 74.7242



62.7457, 60.3555, 67.0539

Triad

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



61.7624, 60.3555, 74.7242



57.8310, 60.3555, 51.8729



52.7439, 60.3555, 72.2463

Complementary

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



61.7624, 60.3555, 74.7242



58.5554, 66.2275, 63.1262

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.



52.3031, 60.3555, 64.3978



61.7624, 60.3555, 74.7242



55.1860, 60.3555, 53.0247

Square

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



61.7624, 60.3555, 74.7242



60.4305, 60.3555, 54.1840



53.1835, 60.3555, 57.4641



54.4070, 60.3555, 78.7800

Rectangle

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



61.7624, 60.3555, 74.7242



62.5801, 60.3555, 61.9273



53.1835, 60.3555, 57.4641



52.4501, 60.3555, 69.6580

Sweetspot

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



61.7642, 60.3581, 74.7255



92.6579, 95.2158, 108.1026



56.1403, 57.4589, 74.4625



19.6992, 20.1134, 23.0939



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.



61.7642, 60.3581, 74.7255



86.7454, 83.3908, 106.1316



60.4947, 59.8503, 68.0404



13.6144, 13.2749, 16.4969



24.9036, 11.9625, 40.7339



1.6134, 0.7750, 2.6389

Inverse Universe

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



61.7642, 60.3581, 74.7255



86.7454, 83.3908, 106.1316



59.7474, 66.7042, 69.4028



13.6144, 13.2749, 16.4969



24.9036, 11.9625, 40.7339



1.6134, 0.7750, 2.6389

Previews

White Background



This preview shows how the XYZ color 61.7624, 60.3555, 74.7242 looks on a white background.

Color Contrast Check

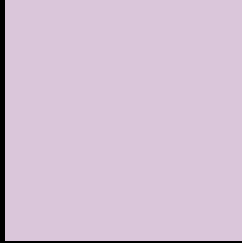
Large Text (above 18pt) WCAG AA × Fail

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 61.7624, 60.3555, 74.7242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

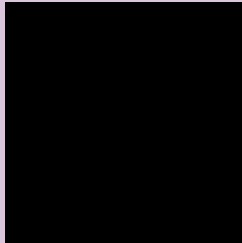
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.7624, 60.3555, 74.7242

Background



This preview shows how black text looks on a background with the XYZ color 61.7624, 60.3555, 74.7242.



This preview shows how white text looks on a background with the XYZ color 61.7624, 60.3555,

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

61.7624, 60.3555, 74.7242

Protanopia

59.0357, 60.6288, 76.9976

Deuteranopia

61.7624, 60.3555, 74.7242



Tritanopia

61.1763, 60.4536, 72.0627

Trichromacy



Original Color

61.7624, 60.3555, 74.7242

Protanomaly

59.8173, 60.3505, 76.2062

Deuteranomaly

61.7624, 60.3555, 74.7242

Tritanomaly

61.3044, 60.5049, 72.7375

Monochromacy



Original Color

61.7624, 60.3555, 74.7242

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.5671, 61.0667, 69.6203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7624, 60.3555, 74.7242 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(218, 198, 218)` looks like.

```
.text, #text, p{  
    color:rgb(218, 198, 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(218, 198, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 198, 218) }
```

Border

The CSS property to change the border of an element to XYZ 61.7624, 60.3555, 74.7242 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(218, 198, 218) }
```


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

```
.border{ border-color:rgb(218, 198, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 198, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 198, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 198, 218); box-shadow:4px 4px 4px 4px rgb(218, 198, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7624, 60.3555, 74.7242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 198, 218) }
```

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

```
.background{ background-color: rgb(218,  
198, 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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