

Converting Colors

XYZ(61.5071, 62.6694, 74.5003)

Have a look what the booklet for
XYZ(61.5071, 62.6694, 74.5003)
contains.

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Color

**XYZ(61.5071, 62.6694,
74.5003)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CDD9
RGB	212, 205, 217
RGB Percent	83%, 80%, 85%
CMY	0.1686, 0.1961, 0.1490
CMYK	0.02, 0.06, 0.00, 0.15
HSL	275°, 14%, 83%
HSV	275°, 6%, 85%
XYZ	61.5071, 62.6694, 74.5003
YIQ	208.4610, 0.3200, 5.2160

Conversions

Conversions Part 2

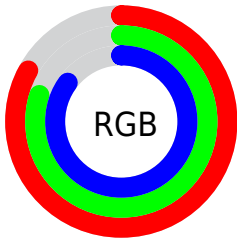
Format	Color
R _Y B	212, 205, 217
Decimal	13946329
CIE Lab	83.27, 4.60, -5.08
CIE LCh	83, 6.856, 312.134
Yxy	62.6694, 0.3096, 0.3154
Android (android.graphics.Color)	4292136409 (0xFFD4CDD9)
YUV	208.4610, 4.2097, 3.1037
Hunter-Lab	79.1640, 0.1500, -0.3823

Details

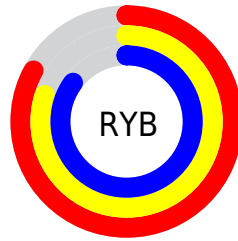
The XYZ color **61.5071, 62.6694, 74.5003** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4129, 67.7368, 67.5457**, and the grayscale version is **60.2283, 63.3649, 69.0043**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4928, 31.9100, 38.6818** is the 20% darker color. If you saturate the color by 10%, you get **54.1381, 51.6932, 72.7710**, and if you desaturate by 10%, it is **69.7457, 75.1660, 76.4791**.

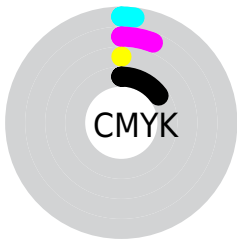
Distribution



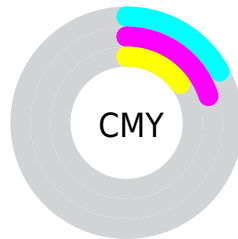
- Red (83%)
- Green (80%)
- Blue (85%)



- Red (83%)
- Yellow (80%)
- Blue (85%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (17%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5071, 62.6694, 74.5003 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 61.5071, 62.6694, 74.5003 by changing the saturation by 10% instead.

■ 61.5071, 62.6694,
74.5003

■ 61.5071, 62.6694,
74.5003

419.8771,
434.3687, 495.4078

■ 44.8886, 45.5738,
54.7044

106.1068,
108.6924, 127.3453

■ 31.5706, 31.9096,
38.7681

134.8187,
138.3886, 161.2315

■ 21.1877, 21.2925,
26.2729

168.2926,
173.0538, 200.6515

■ 13.3745, 13.3380,
16.8003

206.8936,
213.0724, 246.0239

■ 7.7657, 7.6617,
9.9318

250.9872,
258.8288, 297.7672

■ 3.9959, 3.8792,
5.2487

300.9388,

■ 1.6998, 1.6062,

310.7074, 356.2999

2.3326

357.1136,
369.0926, 422.0406

■ 0.4562, 0.3618,
0.7494

■ 0.0000, 0.0000,
0.0000

■ 61.5071, 62.6694,
74.5003

■ 61.5071, 62.6694,
74.5003

■ 54.1381, 51.6932,
72.7710

■ 69.7457, 75.1660,
76.4791

■ 47.6014, 42.1693,
71.2772

■ 78.8785, 89.2318,
78.7127

■ 41.8650, 34.0362,
70.0097

■ 83.9262, 94.9037,
79.5415

■ 36.8923, 27.2247,
68.9571

■ 87.0588, 96.5187,
79.6881

■ 32.6440, 21.6597,
68.1068

■ 89.5246, 97.7898,
79.8035

■ 29.0766, 17.2581,
67.4452

■ 26.1412, 13.9264,
66.9569

■ 23.7817, 11.5562,
66.6237

■ 21.9292, 10.0145,
66.4238

Harmonies

Analogous

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



60.1693, 62.6694, 76.5720



61.5071, 62.6694, 74.5003



62.3325, 62.6694, 70.7833

Triad

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



61.5071, 62.6694, 74.5003



60.4482, 62.6694, 60.7249



56.8095, 62.6694, 69.9746

Complementary

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



61.5071, 62.6694, 74.5003



62.4129, 67.7368, 67.5457

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.



56.8814, 62.6694, 65.7512



61.5071, 62.6694, 74.5003



58.9655, 62.6694, 60.5287

Square

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



61.5071, 62.6694, 74.5003



61.7142, 62.6694, 62.8813



57.6650, 62.6694, 62.3337



57.4670, 62.6694, 73.8871

Rectangle

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



61.5071, 62.6694, 74.5003



62.4729, 62.6694, 67.9315



57.6650, 62.6694, 62.3337



56.7495, 62.6694, 68.5421

Sweetspot

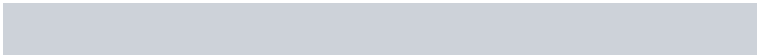
The Sweet Spot groups the original color and five complimentary colors.



61.5089, 62.6721, 74.5017



92.6669, 96.3882, 108.3285



60.7996, 64.1833, 74.8308



19.8595, 20.6689, 23.1927



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.



61.5089, 62.6721, 74.5017



86.9335, 87.7515, 106.9636



62.8689, 63.3852, 74.0235



13.3805, 13.4657, 16.5460



12.9633, 5.8070, 40.1760



0.9371, 0.4264, 2.6073

Inverse Universe

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



62.0816, 63.0703, 69.8775



87.9864, 88.4828, 98.4993



61.1082, 67.0530, 67.9899



13.5547, 13.5866, 15.1474



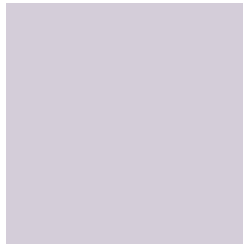
18.5006, 9.4013, 7.0162



1.2409, 0.6260, 0.6773

Previews

White Background



This preview shows how the XYZ color 61.5071, 62.6694, 74.5003 looks on a white background.

Color Contrast Check

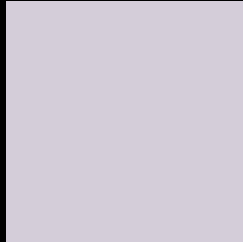
Large Text (above 18pt) WCAG AA × Fail

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 61.5071, 62.6694, 74.5003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

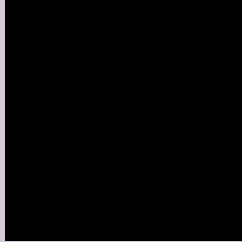
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

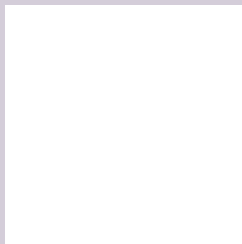
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.5071, 62.6694, 74.5003

Background



This preview shows how black text looks on a background with the XYZ color 61.5071, 62.6694, 74.5003.

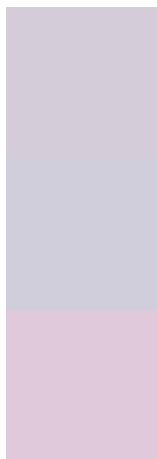


This preview shows how white text looks on a background with the XYZ color 61.5071, 62.6694,

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

61.5071, 62.6694, 74.5003

Protanopia

60.7386, 62.6145, 75.2142

Deuteranopia

63.9730, 62.5232, 75.0261



Tritanopia

62.0846, 62.5523, 77.2082

Trichromacy



Original Color

61.5071, 62.6694, 74.5003

Protanomaly

61.0207, 62.7599, 75.2274

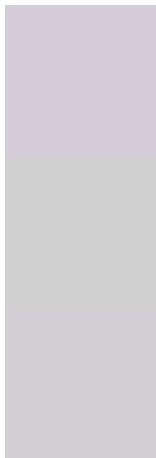
Deuteranomaly

62.9888, 62.3631, 75.0471

Tritanomaly

61.9517, 62.4992, 76.5085

Monochromacy



Original Color

61.5071, 62.6694, 74.5003

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.3652, 62.8841, 70.5843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5071, 62.6694, 74.5003 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(212, 205, 217) looks like.

```
.text, #text, p{  
    color:rgb(212, 205, 217)  
}
```

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(212, 205, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 205, 217) }
```

Border

The CSS property to change the border of an element to XYZ 61.5071, 62.6694, 74.5003 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(212, 205, 217) }
```


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

```
.border{ border-color:rgb(212, 205, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 205, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 205, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 205, 217);  
box-shadow:4px 4px 4px 4px rgb(212, 205,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5071, 62.6694, 74.5003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 205, 217) }
```

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

```
.background{ background-color: rgb(212,  
205, 217) }
```

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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