

Converting Colors

XYZ(61.2263, 61.8754, 72.7918)

Have a look what the booklet for
XYZ(61.2263, 61.8754, 72.7918)
contains.

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Color

**XYZ(61.3532, 61.9143,
73.0070)**

Conversions

Conversions Part 1

Format	Color
Hex	D6CBD7
RGB	214, 203, 215
RGB Percent	84%, 80%, 84%
CMY	0.1608, 0.2039, 0.1569
CMYK	0.00, 0.06, 0.00, 0.16
HSL	295°, 13%, 82%
HSV	295°, 6%, 84%
XYZ	61.3532, 61.9143, 73.0070
YIQ	207.6570, 2.7040, 6.0640

Conversions

Conversions Part 2

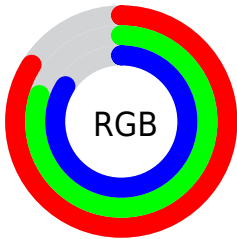
Format	Color
R _Y B	214, 203, 215
Decimal	14076887
CIE Lab	82.87, 5.96, -4.59
CIE LCh	83, 7.525, 322.422
Yxy	61.9143, 0.3126, 0.3154
Android (android.graphics.Color)	4292266967 (0xFFD6CBD7)
YUV	207.6570, 3.6201, 5.5628
Hunter-Lab	78.6856, 1.4811, 0.0688

Details

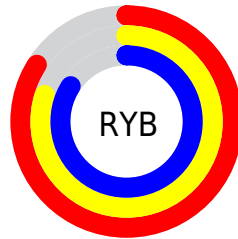
The XYZ color **61.3532, 61.9143, 73.0070** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9842, 65.7517, 66.0329**, and the grayscale version is **59.7098, 62.8193, 68.4103**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.3907, 31.4039, 37.6648** is the 20% darker color. If you saturate the color by 10%, you get **56.1043, 52.1879, 71.4072**, and if you desaturate by 10%, it is **67.3156, 73.0572, 74.8445**.

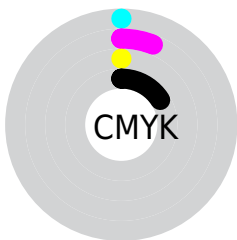
Distribution



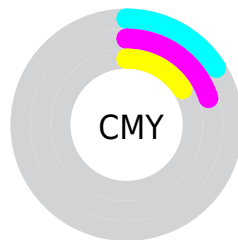
- Red (84%)
- Green (80%)
- Blue (84%)



- Red (84%)
- Yellow (80%)
- Blue (84%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3532, 61.9143, 73.0070 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 61.3532, 61.9143, 73.0070 by changing the saturation by 10% instead.

■ 61.3532, 61.9143,
73.0070

■ 61.3532, 61.9143,
73.0070

419.3231,
431.6184, 490.1105

■ 44.7639, 44.9635,
53.4898

105.8854,
107.6017, 125.2082

■ 31.4720, 31.4286,
37.8035

134.5590,
137.1070, 158.7292

■ 21.1121, 20.9255,
25.5296

167.9914,
171.5659, 197.7553

■ 13.3189, 13.0695,
16.2495

206.5480,
211.3628, 242.7050

■ 7.7270, 7.4764,
9.5446

250.5941,
256.8821, 293.9969

■ 3.9711, 3.7618,
4.9964

300.4951,

■ 1.6858, 1.5412,

308.5082, 352.0494

2.1865

356.6163,
366.6255, 417.2811

■ 0.4474, 0.3175,
0.6665

■ 0.0000, 0.0000,
0.0000

■ 61.3532, 61.9143,
73.0070

■ 61.3532, 61.9143,
73.0070

■ 56.1043, 52.1879,
71.4072

■ 67.3156, 73.0572,
74.8445

■ 51.5346, 43.8125,
70.0314

■ 74.0132, 85.6629,
76.9246

■ 47.6152, 36.7290,
68.8707

■ 77.3534, 91.5452,
77.8840

■ 44.3128, 30.8711,
67.9141

■ 77.8968, 91.8254,
77.9094

41.5913, 26.1666,
67.1495

78.4461, 92.1086,
77.9351

39.4108, 22.5357,
66.5636

79.0012, 92.3947,
77.9611

37.7262, 19.8881,
66.1413

79.5622, 92.6839,
77.9873

36.4852, 18.1194,
65.8653

80.1291, 92.9762,
78.0139

35.6233, 17.1007,
65.7141

80.7019, 93.2714,
78.0407

Harmonies

Analogous

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



60.0449, 61.9143, 76.0091



61.3532, 61.9143, 73.0070



61.9925, 61.9143, 68.5984

Triad

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



61.3532, 61.9143, 73.0070



59.2598, 61.9143, 58.9453



56.0126, 61.9143, 70.8774

Complementary

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



61.3532, 61.9143, 73.0070



59.9842, 65.7517, 66.0329

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.



55.8111, 61.9143, 66.2436



61.3532, 61.9143, 73.0070



57.6665, 61.9143, 59.4929

Square

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



61.3532, 61.9143, 73.0070



60.7694, 61.9143, 60.5827



56.4113, 61.9143, 62.1145



56.9669, 61.9143, 74.7407

Rectangle

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



61.3532, 61.9143, 73.0070



61.9451, 61.9143, 65.5117



56.4113, 61.9143, 62.1145



55.8553, 61.9143, 69.3531

Sweetspot

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



61.3550, 61.9170, 73.0083



93.2883, 96.7085, 108.3575



58.5375, 60.8867, 72.9580



19.9860, 20.7341, 23.1987



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.



61.3550, 61.9170, 73.0083



89.0723, 88.8541, 107.0637



61.0400, 61.8248, 69.8216



13.0665, 12.9868, 15.7555



21.1643, 10.0631, 39.2800



1.3073, 0.6228, 2.3706

Inverse Universe

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



60.2816, 61.5214, 65.8276



87.0942, 88.1259, 93.8010



60.2918, 65.8432, 69.0792



12.7570, 12.8728, 13.6786



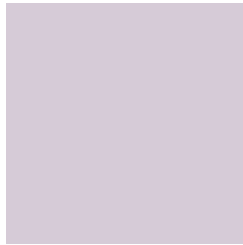
16.8429, 8.6735, 1.2106



1.0308, 0.5291, 0.1516

Previews

White Background



This preview shows how the XYZ color 61.3532, 61.9143, 73.0070 looks on a white background.

Color Contrast Check

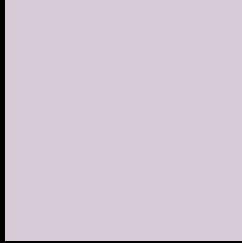
Large Text (above 18pt) WCAG AA × Fail

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 61.3532, 61.9143, 73.0070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

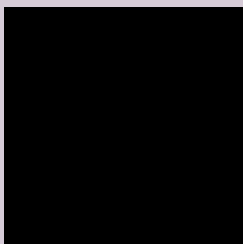
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

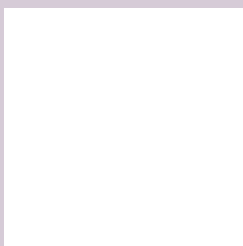
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.3532, 61.9143, 73.0070

Background



This preview shows how black text looks on a background with the XYZ color 61.3532, 61.9143, 73.0070.

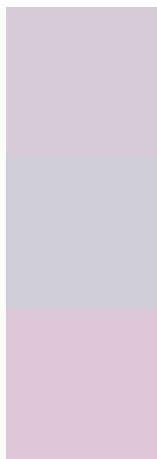


This preview shows how white text looks on a background with the XYZ color 61.3532, 61.9143,

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

61.3532, 61.9143, 73.0070

Protanopia

59.9581, 61.8859, 73.7508

Deuteranopia

63.1731, 61.7960, 73.5640



Tritanopia

61.7998, 61.7501, 74.9914

Trichromacy



Original Color

61.3532, 61.9143, 73.0070

Protanomaly

60.5659, 61.8452, 73.7109

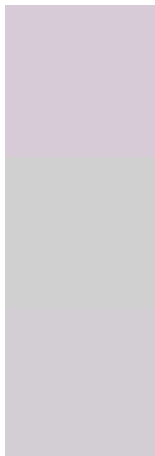
Deuteranomaly

62.4947, 61.7912, 73.5988

Tritanomaly

61.6692, 61.6979, 74.3042

Monochromacy



Original Color

61.3532, 61.9143, 73.0070

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

60.4075, 62.5474, 70.5171

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3532, 61.9143, 73.0070 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(214, 203, 215) looks like.

```
.text, #text, p{  
    color:rgb(214, 203, 215)  
}
```

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(214, 203, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 203, 215) }
```

Border

The CSS property to change the border of an element to XYZ 61.3532, 61.9143, 73.0070 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(214, 203, 215) }
```


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

```
.border{ border-color:rgb(214, 203, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 203, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 203, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 203, 215);  
box-shadow:4px 4px 4px 4px rgb(214, 203,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3532, 61.9143, 73.0070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 203, 215) }
```

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

```
.background{ background-color: rgb(214,  
203, 215) }
```

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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