

Converting Colors

XYZ(60.1351, 60.2835, 70.2762)

Have a look what the booklet for
XYZ(60.1351, 60.2835, 70.2762)
contains.

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Color

**XYZ(60.1437, 60.3078,
70.0987)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C8D3
RGB	214, 200, 211
RGB Percent	84%, 78%, 83%
CMY	0.1608, 0.2157, 0.1725
CMYK	0.00, 0.07, 0.01, 0.16
HSL	313°, 15%, 81%
HSV	313°, 7%, 84%
XYZ	60.1437, 60.3078, 70.0987
YIQ	205.4400, 4.8130, 6.3890

Conversions

Conversions Part 2

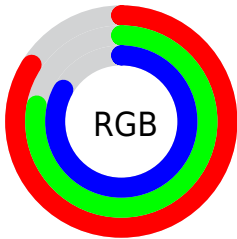
Format	Color
R _Y B	214, 200, 211
Decimal	14076115
CIE Lab	82.01, 6.82, -3.72
CIE LCh	82, 7.772, 331.400
Yxy	60.3078, 0.3156, 0.3165
Android (android.graphics.Color)	4292266195 (0xFFD6C8D3)
YUV	205.4400, 2.7411, 7.5071
Hunter-Lab	77.6581, 2.3408, 0.8421

Details

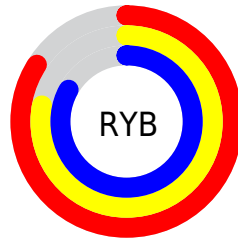
The XYZ color **60.1437, 60.3078, 70.0987** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.6477, 64.6859, 65.8976**, and the grayscale version is **58.2909, 61.3265, 66.7846**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.6628, 30.3630, 36.1428** is the 20% darker color. If you saturate the color by 10%, you get **54.9640, 50.8548, 65.5759**, and if you desaturate by 10%, it is **66.0370, 71.1600, 74.9418**.

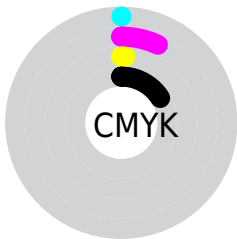
Distribution



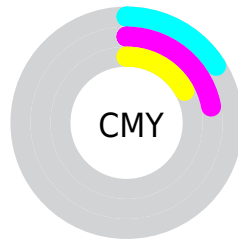
- Red (84%)
- Green (78%)
- Blue (83%)



- Red (84%)
- Yellow (78%)
- Blue (83%)



- Cyan (0%)
- Magenta (7%)
- Yellow (1%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1437, 60.3078, 70.0987 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 60.1437, 60.3078, 70.0987 by changing the saturation by 10% instead.

■ 60.1437, 60.3078,
70.0987

■ 60.1437, 60.3078,
70.0987

414.9535,
425.7314, 479.6950

■ 43.7844, 43.6668,
51.1297

104.1433,
105.2760, 121.0319

■ 30.6982, 30.4086,
35.9344

132.5142,
134.3721, 153.8332

■ 20.5199, 20.1490,
24.0942

165.6197,
168.3885, 192.0824

■ 12.8839, 12.5034,
15.1907

203.8252,
207.7098, 236.1980

■ 7.4251, 7.0875,
8.8052

247.4959,
252.7204, 286.5985

■ 3.7780, 3.5169,
4.5193

296.9973,

■ 1.5773, 1.4072,

303.8045, 343.7024

1.9143

352.6947,
361.3468, 407.9284

■ 0.3776, 0.2220,
0.5018

■ 0.0000, 0.0000,
0.0000

■ 60.1437, 60.3078,
70.0987

■ 60.1437, 60.3078,
70.0987

■ 54.9640, 50.8548,
65.5759

■ 66.0370, 71.1600,
74.9418

■ 50.4639, 42.7357,
61.3592

■ 72.6658, 83.4576,
80.1109

■ 46.6143, 35.8919,
57.4390

■ 77.0501, 91.2396,
84.6142

■ 43.3820, 30.2572,
53.8036

■ 77.6836, 91.4930,
87.9501

40.7310, 25.7595,
50.4401

78.3340, 91.7532,
91.3751

38.6211, 22.3190,
47.3346

79.0015, 92.0202,
94.8901

37.0072, 19.8454,
44.4712

79.6862, 92.2941,
98.4956

35.8364, 18.2334,
41.8317

80.3882, 92.5748,
102.1922

35.0415, 17.3487,
39.3929

81.1076, 92.8626,
105.9807

Harmonies

Analogous

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



58.9850, 60.3078, 73.7067



60.1437, 60.3078, 70.0987



60.5422, 60.3078, 65.4439

Triad

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



60.1437, 60.3078, 70.0987



57.2435, 60.3078, 57.0167



54.6624, 60.3078, 70.4999

Complementary

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



60.1437, 60.3078, 70.0987



58.6477, 64.6859, 65.8976

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.



54.2156, 60.3078, 65.8865



60.1437, 60.3078, 70.0987



55.6881, 60.3078, 58.2304

Square

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



60.1437, 60.3078, 70.0987



58.8487, 60.3078, 58.0264



54.5876, 60.3078, 61.4222



55.8195, 60.3078, 73.9460

Rectangle

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



60.1437, 60.3078, 70.0987



60.3173, 60.3078, 62.4140



54.5876, 60.3078, 61.4222



54.4252, 60.3078, 69.0269

Sweetspot

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



60.1454, 60.3104, 70.1000



93.2690, 96.7189, 107.4406



57.3685, 58.8350, 71.9519



19.9821, 20.7362, 23.0121



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.



60.1454, 60.3104, 70.1000



88.1878, 87.3894, 103.1790



59.3109, 59.9766, 65.7057



12.8337, 12.5850, 15.0647



21.0811, 10.3687, 23.5287



1.3006, 0.6370, 1.5722

Inverse Universe

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



60.1454, 60.3104, 70.1000



88.1878, 87.3894, 103.1790



59.4759, 65.0172, 70.2587



12.8337, 12.5850, 15.0647



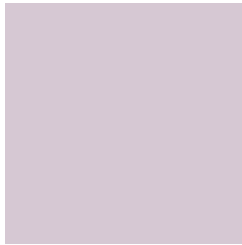
21.0811, 10.3687, 23.5287



1.3006, 0.6370, 1.5722

Previews

White Background



This preview shows how the XYZ color 60.1437, 60.3078, 70.0987 looks on a white background.

Color Contrast Check

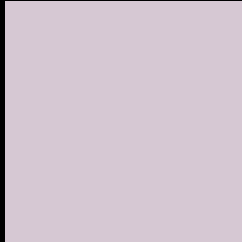
Large Text (above 18pt) WCAG AA × Fail

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 60.1437, 60.3078, 70.0987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

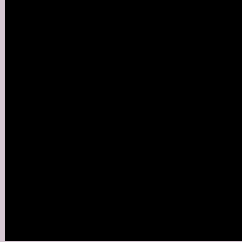
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1437, 60.3078, 70.0987

Background



This preview shows how black text looks on a background with the XYZ color 60.1437, 60.3078, 70.0987.

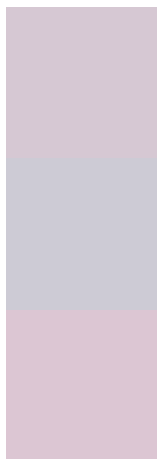


This preview shows how white text looks on a background with the XYZ color 60.1437, 60.3078,

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

60.1437, 60.3078, 70.0987

Protanopia

58.5430, 60.4951, 71.5420

Deuteranopia

61.4672, 60.3070, 70.0288



Tritanopia

60.7135, 60.2002, 72.7098

Trichromacy



Original Color

60.1437, 60.3078, 70.0987

Protanomaly

59.0166, 60.4044, 70.8361

Deuteranomaly

61.0947, 60.4554, 70.0770

Tritanomaly

60.5854, 60.1490, 72.0350

Monochromacy



Original Color

60.1437, 60.3078, 70.0987

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.6308, 60.6268, 67.6434

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1437, 60.3078, 70.0987 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, 200, 211) looks like.

```
.text, #text, p{  
    color:rgb(214, 200, 211)  
}
```

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, 200, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 200, 211) }
```

Border

The CSS property to change the border of an element to XYZ 60.1437, 60.3078, 70.0987 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, 200, 211) }
```


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

```
.border{ border-color:rgb(214, 200, 211) }
```

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

Here you see how a box with a 4 pixel rgb(214, 200, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 200, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 200, 211);  
box-shadow:4px 4px 4px 4px rgb(214, 200,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1437, 60.3078, 70.0987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 200, 211) }
```

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

```
.background{ background-color: rgb(214,  
200, 211) }
```

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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