

Converting Colors

XYZ(60.9401, 59.1788, 71.4205)

Have a look what the booklet for
XYZ(60.9401, 59.1788, 71.4205)
contains.

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Color

**XYZ(60.9636, 59.3440,
71.1922)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC4D5
RGB	219, 196, 213
RGB Percent	86%, 77%, 84%
CMY	0.1412, 0.2314, 0.1647
CMYK	0.00, 0.11, 0.03, 0.14
HSL	316°, 24%, 81%
HSV	316°, 11%, 86%
XYZ	60.9636, 59.3440, 71.1922
YIQ	204.8150, 8.2510, 10.1630

Conversions

Conversions Part 2

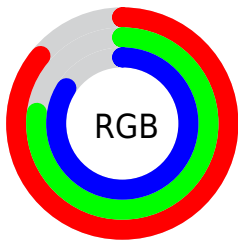
Format	Color
R_{YB}	219, 196, 213
Decimal	14402773
CIE _{Lab}	81.48, 11.03, -5.52
CIE _{LCh}	81, 12.332, 333.415
Yxy	59.3440, 0.3183, 0.3099
Android (android.graphics.Color)	4292592853 (0xFFDBC4D5)
YUV	204.8150, 4.0352, 12.4402
Hunter-Lab	77.0351, 6.4490, -0.8685

Details

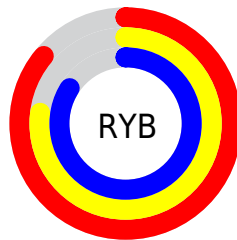
The XYZ color **60.9636, 59.3440, 71.1922** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7594, 66.6647, 65.6509**, and the grayscale version is **57.8837, 60.8982, 66.3181**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **31.1544, 29.7071, 36.4398** is the 20% darker color. If you saturate the color by 10%, you get **55.6678, 49.8920, 65.9119**, and if you desaturate by 10%, it is **67.0094, 70.2534, 76.8500**.

Distribution



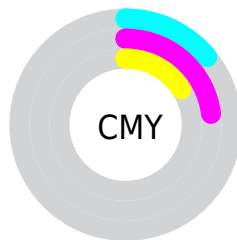
- Red (86%)
- Green (77%)
- Blue (84%)



- Red (86%)
- Yellow (77%)
- Blue (84%)



- Cyan (0%)
- Magenta (11%)
- Yellow (3%)
- Black (14%)



- Cyan (14%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9636, 59.3440, 71.1922 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 60.9636, 59.3440, 71.1922 by changing the saturation by 10% instead.

60.9636, 59.3440,
71.1922

60.9636, 59.3440,
71.1922

417.9186,
422.1755, 483.6268

44.4482, 42.8901,
52.0163

105.3246,
103.8775, 122.6044

31.2225, 29.7989,
36.6357

133.9010,
132.7258, 155.6777

20.9210, 19.6860,
24.6320

167.2284,
166.4745, 194.2205

13.1784, 12.1670,
15.5866

205.6722,
205.5078, 238.6515

7.6293, 6.8575,
9.0809

249.5978,
250.2101, 289.3890

3.9085, 3.3732,
4.6965

299.3705,

1.6505, 1.3295,

300.9659, 346.8517

2.0147

355.3556,
358.1596, 411.4581

■ 0.4250, 0.1639,
0.5643

■ 0.0000, 0.0000,
0.0000

■ 60.9636, 59.3440,
71.1922

■ 60.9636, 59.3440,
71.1922

■ 55.6678, 49.8920,
65.9119

■ 67.0094, 70.2534,
76.8500

■ 51.0855, 41.8274,
60.9935

■ 73.8295, 82.6711,
82.8927

■ 47.1848, 35.0858,
56.4258

■ 79.2769, 92.3015,
88.6063

■ 43.9293, 29.5950,
52.1954

■ 80.0935, 92.6281,
92.9061

41.2790, 25.2755,
48.2876

80.9366, 92.9654,
97.3459

39.1896, 22.0388,
44.6862

81.8065, 93.3134,
101.9267

37.6101, 19.7838,
41.3729

82.7035, 93.6721,
106.6500

36.4802, 18.3902,
38.3262

83.0238, 93.8003,
108.3372

35.7230, 17.6640,
35.6441

Harmonies

Analogous

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



59.1841, 59.3440, 77.2299



60.9636, 59.3440, 71.1922



61.5090, 59.3440, 63.7720

Triad

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



60.9636, 59.3440, 71.1922



56.1094, 59.3440, 51.4319



52.3599, 59.3440, 72.7691

Complementary

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



60.9636, 59.3440, 71.1922



58.7594, 66.6647, 65.6509

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.



51.5909, 59.3440, 65.4665



60.9636, 59.3440, 71.1922



53.7137, 59.3440, 53.4555

Square

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



60.9636, 59.3440, 71.1922



58.6566, 59.3440, 52.7123



52.0789, 59.3440, 58.4569



54.2112, 59.3440, 78.1880

Rectangle

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



60.9636, 59.3440, 71.1922



61.0860, 59.3440, 59.1265



52.0789, 59.3440, 58.4569



51.9689, 59.3440, 70.4341

Sweetspot

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



60.9653, 59.3466, 71.1935



92.3382, 95.0879, 106.4189



56.8181, 57.1190, 75.0492



19.6126, 20.0788, 22.6379



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.



60.9653, 59.3466, 71.1935



84.0099, 80.0983, 98.5039



59.5865, 58.7950, 63.9326



13.4618, 13.2138, 15.6928



21.2288, 10.4926, 21.3828



1.4099, 0.6936, 1.5672

Inverse Universe

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



60.9653, 59.3466, 71.1935



84.0099, 80.0983, 98.5039



60.1405, 67.2171, 72.9233



13.4618, 13.2138, 15.6928



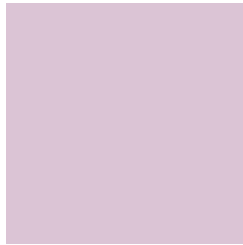
21.2288, 10.4926, 21.3828



1.4099, 0.6936, 1.5672

Previews

White Background



This preview shows how the XYZ color 60.9636, 59.3440, 71.1922 looks on a white background.

Color Contrast Check

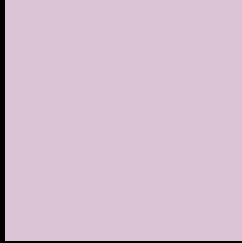
Large Text (above 18pt) WCAG AA × Fail

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 60.9636, 59.3440, 71.1922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

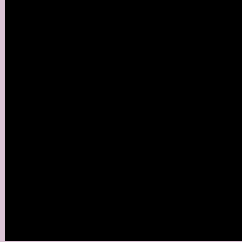
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.9636, 59.3440, 71.1922

Background



This preview shows how black text looks on a background with the XYZ color 60.9636, 59.3440, 71.1922.



This preview shows how white text looks on a background with the XYZ color 60.9636, 59.3440,

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

60.9636, 59.3440, 71.1922

Protanopia

57.6384, 59.2877, 73.3715

Deuteranopia

60.5918, 59.4883, 71.2397



Tritanopia

60.8370, 59.2934, 70.5257

Trichromacy



Original Color

60.9636, 59.3440, 71.1922

Protanomaly

58.7016, 59.1630, 72.6157

Deuteranomaly

60.8899, 59.6420, 71.2536

Tritanomaly

60.8370, 59.2934, 70.5257

Monochromacy



Original Color

60.9636, 59.3440, 71.1922

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.0840, 60.4968, 68.2375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9636, 59.3440, 71.1922 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(219, 196, 213) looks like.

```
.text, #text, p{  
    color:rgb(219, 196, 213)  
}
```

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(219, 196, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 196, 213) }
```

Border

The CSS property to change the border of an element to XYZ 60.9636, 59.3440, 71.1922 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(219, 196, 213) }
```


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

```
.border{ border-color:rgb(219, 196, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 196, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 196, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 196, 213);  
box-shadow:4px 4px 4px 4px rgb(219, 196,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9636, 59.3440, 71.1922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 196, 213) }
```

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

```
.background{ background-color: rgb(219,  
196, 213) }
```

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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