

Converting Colors

XYZ(58.0472, 52.5124, 72.0633)

Have a look what the booklet for
XYZ(58.0472, 52.5124, 72.0633)
contains.

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Color

**XYZ(58.0300, 52.4137,
72.0241)**

Conversions

Conversions Part 1

Format	Color
Hex	DCB3D8
RGB	220, 179, 216
RGB Percent	86%, 70%, 85%
CMY	0.1372, 0.2980, 0.1529
CMYK	0.00, 0.19, 0.02, 0.14
HSL	306°, 37%, 78%
HSV	306°, 19%, 86%
XYZ	58.0300, 52.4137, 72.0241
YIQ	195.4770, 12.5590, 20.1990

Conversions

Conversions Part 2

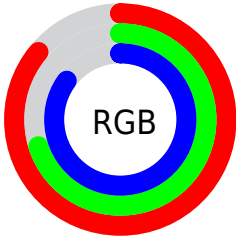
Format	Color
R_{YB}	220, 179, 216
Decimal	14463960
CIE _{Lab}	77.53, 21.04, -13.01
CIE _{LCh}	78, 24.732, 328.269
Yxy	52.4137, 0.3180, 0.2872
Android (android.graphics.Color)	4292654040 (0xFFDCB3D8)
YUV	195.4770, 10.1178, 21.5067
Hunter-Lab	72.3973, 16.3812, -8.3062

Details

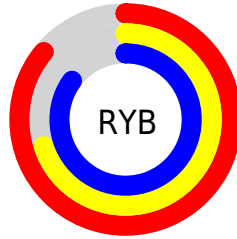
The XYZ color **58.0300, 52.4137, 72.0241** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.7329, 64.1906, 54.4134**, and the grayscale version is **52.0938, 54.8068, 59.6846**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **29.4109, 25.4943, 37.0890** is the 20% darker color. If you saturate the color by 10%, you get **53.6924, 44.1790, 69.2184**, and if you desaturate by 10%, it is **63.0777, 62.0612, 75.0856**.

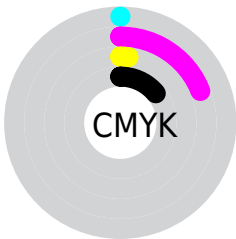
Distribution



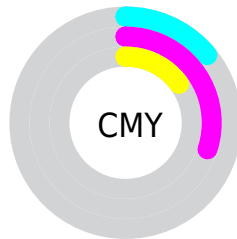
- Red (86%)
- Green (70%)
- Blue (85%)



- Red (86%)
- Yellow (70%)
- Blue (85%)



- Cyan (0%)
- Magenta (19%)
- Yellow (2%)
- Black (14%)





- Cyan (14%)
- Magenta (30%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.0300, 52.4137, 72.0241 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 58.0300, 52.4137, 72.0241 by changing the saturation by 10% instead.


 58.0300, 52.4137,
72.0241

 58.0300, 52.4137,
72.0241


407.2498,
396.0316, 486.6053

 42.0761, 37.3349,
52.6914


 101.0893, 93.7411,
123.7988

 29.3523, 25.4669,
37.1704


128.9254,
120.7585, 157.0780

 19.4931, 16.4253,
25.0427

161.4529,
152.5242, 195.8430

 12.1332, 9.8256,
15.8895

199.0372,
189.4227, 240.5124

 6.9073, 5.2835,
9.2925

242.0437,
231.8382, 291.5048

 3.4500, 2.4145,
4.8331

290.8378,

 1.3960, 0.8333,

280.1553, 349.2387

2.0926

345.7847,
334.7583, 414.1327

■ 0.2534, 0.0000,
0.6114

■ 0.0000, 0.0000,
0.0000

■ 58.0300, 52.4137,
72.0241

■ 58.0300, 52.4137,
72.0241

■ 53.6924, 44.1790,
69.2184

■ 63.0777, 62.0612,
75.0856

■ 50.0271, 37.2838,
66.6540

■ 68.8621, 73.1770,
78.4101

■ 46.9995, 31.6584,
64.3199

■ 75.4138, 85.8216,
82.0083

■ 44.5703, 27.2241,
62.2030

■ 78.8101, 92.1497,
84.5728

42.6958, 23.8933,
60.2886

79.1042, 92.2673,
86.1214

41.3262, 21.5668,
58.5600

79.4020, 92.3864,
87.6895

40.4029, 20.1271,
56.9978

79.7035, 92.5070,
89.2771

39.8370, 19.3966,
55.5720

80.0087, 92.6291,
90.8842

39.7704, 19.3178,
55.3823

80.3176, 92.7527,
92.5111

Harmonies

Analogous

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



54.2875, 52.4137, 83.4616



58.0300, 52.4137, 72.0241



59.5558, 52.4137, 57.8666

Triad

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



58.0300, 52.4137, 72.0241



50.0952, 52.4137, 34.6408



42.1708, 52.4137, 70.4313

Complementary

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



58.0300, 52.4137, 72.0241



52.7329, 64.1906, 54.4134

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.



41.2035, 52.4137, 56.2800



58.0300, 52.4137, 72.0241



45.6001, 52.4137, 36.9258

Square

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



58.0300, 52.4137, 72.0241



54.7971, 52.4137, 37.5224



42.4191, 52.4137, 44.3432



45.1493, 52.4137, 82.4436

Rectangle

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



58.0300, 52.4137, 72.0241



59.0415, 52.4137, 49.2275



42.4191, 52.4137, 44.3432



41.6083, 52.4137, 65.7033

Sweetspot

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



58.0316, 52.4160, 72.0252



90.1224, 90.5279, 106.0762



48.4306, 47.4060, 74.3089



19.1800, 19.1659, 22.6407



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.



58.0316, 52.4160, 72.0252



78.8215, 68.9333, 99.2043



55.6104, 51.4475, 59.2758



13.5568, 13.2518, 16.1931



23.3637, 11.3465, 32.6247



1.5298, 0.7416, 2.1991

Inverse Universe

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



58.0316, 52.4160, 72.0252



78.8215, 68.9333, 99.2043



54.9551, 65.0795, 66.1149



13.5568, 13.2518, 16.1931



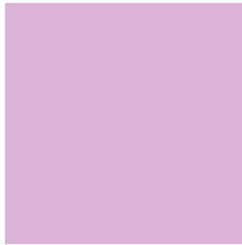
23.3637, 11.3465, 32.6247



1.5298, 0.7416, 2.1991

Previews

White Background



This preview shows how the XYZ color 58.0300, 52.4137, 72.0241 looks on a white background.

Color Contrast Check

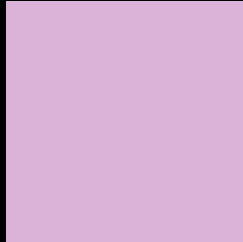
Large Text (above 18pt) WCAG AA × Fail

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 58.0300, 52.4137, 72.0241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

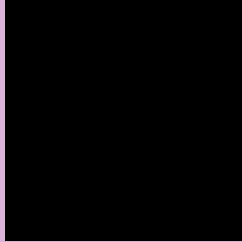
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0300, 52.4137, 72.0241

Background



This preview shows how black text looks on a background with the XYZ color 58.0300, 52.4137, 72.0241.



This preview shows how white text looks on a background with the XYZ color 58.0300, 52.4137,

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

58.0300, 52.4137, 72.0241

Protanopia

51.9824, 52.5937, 77.2239

Deuteranopia

53.8555, 52.7263, 71.6287



Tritanopia

55.4213, 52.2388, 59.9854

Trichromacy



Original Color

58.0300, 52.4137, 72.0241

Protanomaly

53.7659, 52.2909, 74.9695

Deuteranomaly

55.1384, 52.4527, 71.5083

Tritanomaly

56.3364, 52.3128, 64.2549

Monochromacy



Original Color

58.0300, 52.4137, 72.0241

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.8789, 53.5444, 63.9953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0300, 52.4137, 72.0241 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(220, 179, 216)` looks like.

```
.text, #text, p{  
    color:rgb(220, 179, 216)  
}
```

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(220, 179, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 179, 216) }
```

Border

The CSS property to change the border of an element to XYZ 58.0300, 52.4137, 72.0241 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(220, 179, 216) }
```


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

```
.border{ border-color:rgb(220, 179, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 179, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 179, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 179, 216);  
box-shadow:4px 4px 4px 4px rgb(220, 179,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0300, 52.4137, 72.0241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 179, 216) }
```

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

```
.background{ background-color: rgb(220,  
179, 216) }
```

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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