

Converting Colors

XYZ(56.1906, 52.8637, 68.0219)

Have a look what the booklet for
XYZ(56.1906, 52.8637, 68.0219)
contains.

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Color

**XYZ(56.2979, 52.8163,
68.2001)**

Conversions

Conversions Part 1

Format	Color
Hex	D6B7D2
RGB	214, 183, 210
RGB Percent	84%, 72%, 82%
CMY	0.1608, 0.2823, 0.1765
CMYK	0.00, 0.14, 0.02, 0.16
HSL	308°, 27%, 78%
HSV	308°, 14%, 84%
XYZ	56.2979, 52.8163, 68.2001
YIQ	195.3470, 9.8090, 14.9690

Conversions

Conversions Part 2

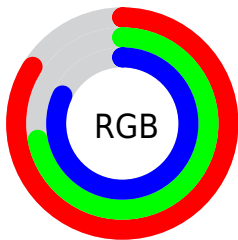
Format	Color
R_{YB}	214, 183, 210
Decimal	14071762
CIE _{Lab}	77.77, 15.74, -9.46
CIE _{LCh}	78, 18.364, 329.010
Yxy	52.8163, 0.3175, 0.2979
Android (android.graphics.Color)	4292261842 (0xFFD6B7D2)
YUV	195.3470, 7.2239, 16.3587
Hunter-Lab	72.6748, 11.0949, -4.7670

Details

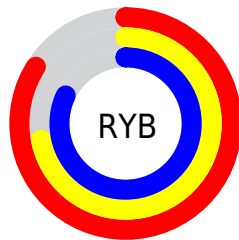
The XYZ color **56.2979, 52.8163, 68.2001** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **52.5467, 61.7497, 56.1660**, and the grayscale version is **52.0341, 54.7440, 59.6162**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **28.2815, 25.7365, 34.9295** is the 20% darker color. If you saturate the color by 10%, you get **51.8746, 44.5147, 65.0432**, and if you desaturate by 10%, it is **61.4014, 62.4670, 71.6142**.

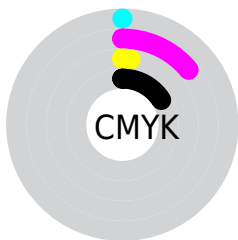
Distribution



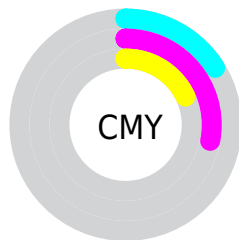
- Red (84%)
- Green (72%)
- Blue (82%)



- Red (84%)
- Yellow (72%)
- Blue (82%)



- Cyan (0%)
- Magenta (14%)
- Yellow (2%)
- Black (16%)





- Cyan (16%)
- Magenta (28%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2979, 52.8163, 68.2001 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 56.2979, 52.8163, 68.2001 by changing the saturation by 10% instead.


 56.2979, 52.8163,
68.2001

 56.2979, 52.8163,
68.2001


400.8700,
397.5799, 472.8220

 40.6798, 37.6561,
49.5928


 98.5773, 94.3340,
118.2953

 28.2555, 25.7159,
34.7211


125.9692,
121.4603, 150.6203

 18.6598, 16.6112,
23.1663


158.0165,
153.3442, 188.3549

 11.5273, 9.9577,
14.5099

195.0845,
190.3699, 231.9178

 6.4925, 5.3709,
8.3334

237.5384,
232.9220, 281.7274

 3.1903, 2.4665,
4.2182

285.7438,

 1.2552, 0.8598,

281.3848, 338.2022

1.7458

340.0659,
336.1426, 401.7609

■ 0.1493, 0.0000,
0.3918

■ 0.0000, 0.0000,
0.0000

■ 56.2979, 52.8163,
68.2001

■ 56.2979, 52.8163,
68.2001

■ 51.8746, 44.5147,
65.0432

■ 61.4014, 62.4670,
71.6142

■ 48.0965, 37.4950,
62.1300

■ 67.2086, 73.5165,
75.2918

■ 44.9326, 31.6944,
59.4504

■ 73.7479, 86.0205,
79.2429

■ 42.3476, 27.0421,
56.9927

■ 76.5495, 91.0393,
81.9779

40.3024, 23.4601,
54.7437

76.9207, 91.1878,
83.9326

38.7532, 20.8608,
52.6885

77.2979, 91.3387,
85.9193

37.6491, 19.1425,
50.8102

77.6813, 91.4921,
87.9383

36.9282, 18.1814,
49.0878

78.0709, 91.6479,
89.9895

36.6358, 17.8579,
48.1848

78.4666, 91.8062,
92.0733

Harmonies

Analogous

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



53.5925, 52.8163, 76.4056



56.2979, 52.8163, 68.2001



57.3577, 52.8163, 57.8472

Triad

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



56.2979, 52.8163, 68.2001



50.3186, 52.8163, 40.0546



44.4506, 52.8163, 67.5453

Complementary

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



56.2979, 52.8163, 68.2001



52.5467, 61.7497, 56.1660

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.



43.6646, 52.8163, 57.1701



56.2979, 52.8163, 68.2001



46.9543, 52.8163, 42.0155

Square

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



56.2979, 52.8163, 68.2001



53.8067, 52.8163, 42.2907



44.5597, 52.8163, 47.9962



46.7588, 52.8163, 75.9972

Rectangle

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



56.2979, 52.8163, 68.2001



56.9519, 52.8163, 51.3576



44.5597, 52.8163, 47.9962



44.0046, 52.8163, 64.1307

Sweetspot

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



56.2995, 52.8186, 68.2012



91.6707, 93.5794, 106.7316



49.4733, 49.2413, 70.5161



19.4894, 19.7796, 22.7592



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.



56.2995, 52.8186, 68.2012



81.8583, 75.0371, 100.1238



54.5040, 52.1004, 58.7465



12.8808, 12.6038, 15.3128



22.1709, 10.8047, 29.2678



1.3569, 0.6596, 1.8689

Inverse Universe

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



56.2995, 52.8186, 68.2012



81.8583, 75.0371, 100.1238



54.2513, 62.4316, 65.1424



12.8808, 12.6038, 15.3128



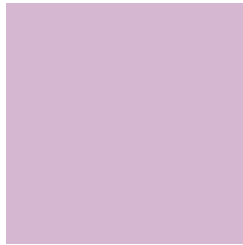
22.1709, 10.8047, 29.2678



1.3569, 0.6596, 1.8689

Previews

White Background



This preview shows how the XYZ color 56.2979, 52.8163, 68.2001 looks on a white background.

Color Contrast Check

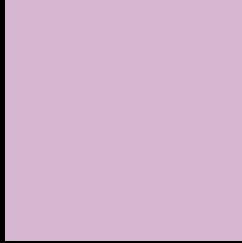
Large Text (above 18pt) WCAG AA × Fail

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 56.2979, 52.8163, 68.2001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

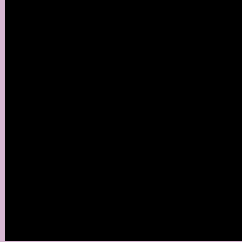
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.2979, 52.8163, 68.2001

Background



This preview shows how black text looks on a background with the XYZ color 56.2979, 52.8163, 68.2001.



This preview shows how white text looks on a background with the XYZ color 56.2979, 52.8163,

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

56.2979, 52.8163, 68.2001

Protanopia

51.8828, 52.9867, 71.7829

Deuteranopia

53.9075, 52.8406, 67.6796



Tritanopia

54.8091, 52.8185, 61.3391

Trichromacy



Original Color

56.2979, 52.8163, 68.2001

Protanomaly

53.2822, 52.7763, 70.3294

Deuteranomaly

54.7997, 52.9867, 67.6608

Tritanomaly

55.3606, 52.7389, 63.7617

Monochromacy



Original Color

56.2979, 52.8163, 68.2001

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.4132, 53.9883, 62.2492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2979, 52.8163, 68.2001 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, 183, 210) looks like.

```
.text, #text, p{  
    color:rgb(214, 183, 210)  
}
```

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, 183, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 183, 210) }
```

Border

The CSS property to change the border of an element to XYZ 56.2979, 52.8163, 68.2001 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, 183, 210) }
```


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

```
.border{ border-color:rgb(214, 183, 210) }
```

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

Here you see how a box with a 4 pixel rgb(214, 183, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 183, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 183, 210);  
box-shadow:4px 4px 4px 4px rgb(214, 183,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2979, 52.8163, 68.2001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 183, 210) }
```

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

```
.background{ background-color: rgb(214,  
183, 210) }
```

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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