

Converting Colors

XYZ(56.6254, 52.2894, 79.7455)

Have a look what the booklet for
XYZ(56.6254, 52.2894, 79.7455)
contains.

XYZ(56.6055, 52.4118, 79.8061)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.6055, 52.4118,
79.8061)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B6E3
RGB	208, 182, 227
RGB Percent	82%, 71%, 89%
CMY	0.1843, 0.2863, 0.1098
CMYK	0.08, 0.20, 0.00, 0.11
HSL	275°, 45%, 80%
HSV	275°, 20%, 89%
XYZ	56.6055, 52.4118, 79.8061
YIQ	194.9040, 1.0510, 19.5070

Conversions

Conversions Part 2

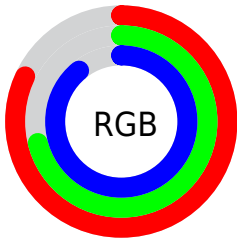
Format	Color
R _Y B	208, 182, 227
Decimal	13678307
CIE Lab	77.53, 17.54, -19.07
CIE LCh	78, 25.912, 312.605
Yxy	52.4118, 0.2998, 0.2776
Android (android.graphics.Color)	4291868387 (0xFFD0B6E3)
YUV	194.9040, 15.8233, 11.4852
Hunter-Lab	72.3960, 12.8739, -14.6814

Details

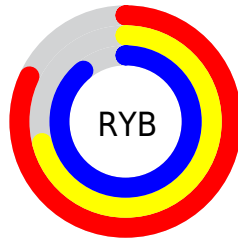
The XYZ color **56.6055, 52.4118, 79.8061** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **60.0017, 70.7344, 54.7491**, and the grayscale version is **51.7243, 54.4180, 59.2612**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **28.4335, 25.4514, 42.4437** is the 20% darker color. If you saturate the color by 10%, you get **49.7146, 42.5097, 78.2588**, and if you desaturate by 10%, it is **64.4160, 63.9093, 81.6145**.

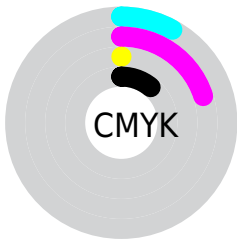
Distribution



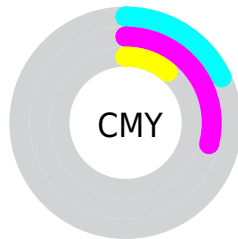
- Red (82%)
- Green (71%)
- Blue (89%)



- Red (82%)
- Yellow (71%)
- Blue (89%)



- Cyan (8%)
- Magenta (20%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (29%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6055, 52.4118, 79.8061 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 56.6055, 52.4118, 79.8061 by changing the saturation by 10% instead.

■ 56.6055, 52.4118,
79.8061

■ 56.6055, 52.4118,
79.8061

402.0075,
396.0243, 513.9687

■ 40.9275, 37.3334,
59.0336

■ 99.0240, 93.7383,
134.9020

■ 28.4499, 25.4657,
42.2200

126.4952,
120.7552, 170.0625

■ 18.8072, 16.4244,
28.9467

158.6283,
152.5203, 210.8560

■ 11.6342, 9.8250,
18.7953

195.7884,
189.4182, 257.7012

■ 6.5656, 5.2831,
11.3471

238.3411,
231.8331, 311.0165

■ 3.2358, 2.4143,
6.1837

286.6516,

■ 1.2797, 0.8332,

280.1495, 371.2205

2.8865

341.0853,
334.7518, 438.7317

■ 0.1679, 0.0000,
1.0370

■ 0.0000, 0.0000,
0.0000

■ 56.6055, 52.4118,
79.8061

■ 56.6055, 52.4118,
79.8061

■ 49.7146, 42.5097,
78.2588

■ 64.4160, 63.9093,
81.6145

■ 43.6995, 34.1225,
76.9569

■ 73.1779, 77.0647,
83.6919

■ 38.5195, 27.1724,
75.8884

■ 82.9272, 91.9451,
86.0503

■ 34.1286, 21.5717,
75.0388

■ 87.7511, 96.7207,
86.7178

■ 30.4758, 17.2232,
74.3920

■ 90.8653, 98.3261,
86.8636

■ 27.5033, 14.0157,
73.9296

■ 25.1427, 11.8177,
73.6297

■ 23.2800, 10.4061,
73.4554

■ 23.2491, 10.3837,
73.4527

Harmonies

Analogous

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



51.9416, 52.4118, 88.3456



56.6055, 52.4118, 79.8061



59.5562, 52.4118, 65.6938

Triad

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



56.6055, 52.4118, 79.8061



52.7432, 52.4118, 34.6348



41.0171, 52.4118, 63.2839

Complementary

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



56.6055, 52.4118, 79.8061



60.0017, 70.7344, 54.7491

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.



41.2000, 52.4118, 49.2316



56.6055, 52.4118, 79.8061



47.7489, 52.4118, 34.2099

Square

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



56.6055, 52.4118, 79.8061



57.2260, 52.4118, 40.3968



43.5921, 52.4118, 39.1190



43.0747, 52.4118, 77.7898

Rectangle

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



56.6055, 52.4118, 79.8061



60.0413, 52.4118, 55.8265



43.5921, 52.4118, 39.1190



40.8228, 52.4118, 58.3268

Sweetspot

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



56.6071, 52.4140, 79.8073



88.0249, 89.4190, 107.2279



54.1618, 57.4999, 80.9178



18.6832, 18.9032, 22.9139



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.



56.6071, 52.4140, 79.8073



69.6612, 62.3988, 102.9804



61.8625, 55.1707, 77.9105



14.3764, 14.2962, 18.1461



13.6948, 6.1258, 42.8438



1.1175, 0.5071, 3.1709

Inverse Universe

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



58.9508, 54.0060, 62.5777



73.3580, 64.9029, 76.1221



55.5193, 68.3874, 56.1752



14.6282, 14.4685, 16.2426



19.7577, 10.0373, 7.6191



1.5056, 0.7600, 0.8030

Previews

White Background



This preview shows how the XYZ color 56.6055, 52.4118, 79.8061 looks on a white background.

Color Contrast Check

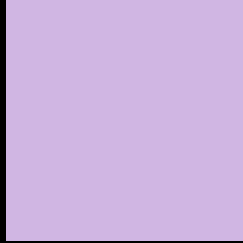
Large Text (above 18pt) WCAG AA × Fail

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 56.6055, 52.4118, 79.8061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

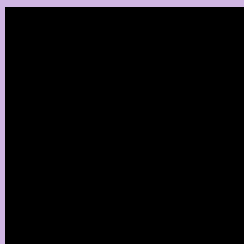
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6055, 52.4118, 79.8061

Background



This preview shows how black text looks on a background with the XYZ color 56.6055, 52.4118, 79.8061.



This preview shows how white text looks on a background with the XYZ color 56.6055, 52.4118,

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

56.6055, 52.4118, 79.8061

Protanopia

52.2703, 52.5982, 83.7415

Deuteranopia

53.7459, 52.5010, 79.2525



Tritanopia

53.2148, 52.5951, 62.6055

Trichromacy



Original Color

56.6055, 52.4118, 79.8061

Protanomaly

53.5391, 52.3302, 82.1418

Deuteranomaly

54.6296, 52.3310, 79.1731

Tritanomaly

54.1587, 52.3302, 68.2190

Monochromacy



Original Color

56.6055, 52.4118, 79.8061

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.4954, 53.6113, 66.5600

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6055, 52.4118, 79.8061 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(208, 182, 227)` looks like.

```
.text, #text, p{  
    color:rgb(208, 182, 227)  
}
```

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(208, 182, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 182, 227) }
```

Border

The CSS property to change the border of an element to XYZ 56.6055, 52.4118, 79.8061 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(208, 182, 227) }
```


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

```
.border{ border-color:rgb(208, 182, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 182, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 182, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 182, 227);  
box-shadow:4px 4px 4px 4px rgb(208, 182,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6055, 52.4118, 79.8061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 182, 227) }
```

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

```
.background{ background-color: rgb(208,  
182, 227) }
```

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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