

Converting Colors

XYZ(58.1788, 56.2542, 64.9185)

Have a look what the booklet for
XYZ(58.1788, 56.2542, 64.9185)
contains.

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Color

**XYZ(58.1452, 56.3730,
64.9432)**

Conversions

Conversions Part 1

Format	Color
Hex	D9BFCC
RGB	217, 191, 204
RGB Percent	85%, 75%, 80%
CMY	0.1490, 0.2510, 0.2000
CMYK	0.00, 0.12, 0.06, 0.15
HSL	330°, 25%, 80%
HSV	330°, 12%, 85%
XYZ	58.1452, 56.3730, 64.9432
YIQ	200.2560, 11.3230, 9.5550

Conversions

Conversions Part 2

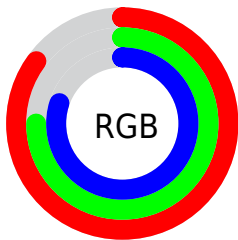
Format	Color
R _Y B	217, 191, 204
Decimal	14270412
CIE Lab	79.83, 11.41, -3.14
CIE LCh	80, 11.834, 344.630
Yxy	56.3730, 0.3240, 0.3141
Android (android.graphics.Color)	4292460492 (0xFFD9BFCC)
YUV	200.2560, 1.8458, 14.6845
Hunter-Lab	75.0820, 6.8411, 1.2736

Details

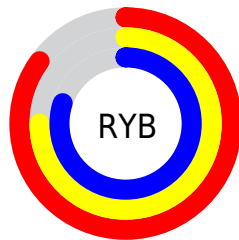
The XYZ color **58.1452, 56.3730, 64.9432** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2001, 65.0633, 66.6737**, and the grayscale version is **55.0429, 57.9094, 63.0634**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **29.4938, 28.0603, 32.7159** is the 20% darker color. If you saturate the color by 10%, you get **52.5028, 47.0984, 56.8633**, and if you desaturate by 10%, it is **64.5827, 67.0910, 73.7370**.

Distribution



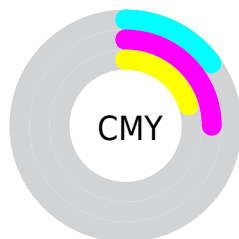
- Red (85%)
- Green (75%)
- Blue (80%)



- Red (85%)
- Yellow (75%)
- Blue (80%)



- Cyan (0%)
- Magenta (12%)
- Yellow (6%)
- Black (15%)





- Cyan (15%)
- Magenta (25%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.1452, 56.3730, 64.9432 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 58.1452, 56.3730, 64.9432 by changing the saturation by 10% instead.

 58.1452, 56.3730,
64.9432

 58.1452, 56.3730,
64.9432

407.6719,
411.0957, 460.8884

 42.1691, 40.5021,
46.9640


 101.2560, 99.5497,
113.5807

 29.4254, 27.9302,
32.6530


129.1215,
127.6243, 145.0760

 19.5488, 18.2731,
21.5918


161.6807,
160.5356, 181.9138

 12.1738, 11.1462,
13.3619

199.2992,
198.6679, 224.5126

 6.9352, 6.1653,
7.5445

242.3422,
242.4057, 273.2909

 3.4676, 2.9458,
3.7214

291.1750,

 1.4056, 1.1035,

292.1333, 328.6673

1.4738

346.1632,
348.2352, 391.0603

■ 0.2602, 0.0000,
0.1983

■ 0.0000, 0.0000,
0.0000

■ 58.1452, 56.3730,
64.9432

■ 58.1452, 56.3730,
64.9432

■ 52.5028, 47.0984,
56.8633

■ 64.5827, 67.0910,
73.7370

■ 47.6180, 39.1977,
49.4737

■ 71.8410, 79.3035,
83.2599

■ 43.4576, 32.6066,
42.7546

■ 79.5970, 92.3604,
93.4135

■ 39.9839, 27.2527,
36.6839

■ 81.2272, 93.0125,
101.9983

■ 37.1554, 23.0566,
31.2377

■ 82.4256, 93.4919,
108.3092

■ 34.9262, 19.9294,
26.3903

■ 33.2435, 17.7693,
22.1133

■ 32.0443, 16.4542,
18.3745

■ 31.3483, 15.8450,
15.7289

Harmonies

Analogous

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



56.8817, 56.3730, 71.2533



58.1452, 56.3730, 64.9432



58.1615, 56.3730, 58.1093

Triad

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



58.1452, 56.3730, 64.9432



52.4261, 56.3730, 49.4831



50.3698, 56.3730, 71.1204

Complementary

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



58.1452, 56.3730, 64.9432



57.2001, 65.0633, 66.6737

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.



49.2473, 56.3730, 64.7725



58.1452, 56.3730, 64.9432



50.4102, 56.3730, 52.4648

Square

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



58.1452, 56.3730, 64.9432



54.8108, 56.3730, 49.5213



49.2618, 56.3730, 57.9508



52.3695, 56.3730, 74.9966

Rectangle

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



58.1452, 56.3730, 64.9432



57.4603, 56.3730, 54.1865



49.2618, 56.3730, 57.9508



49.8801, 56.3730, 69.1849

Sweetspot

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



58.1468, 56.3755, 64.9444



91.0714, 93.3397, 103.5760



56.0592, 55.1115, 73.3294



19.3375, 19.7188, 21.9593



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.



58.1468, 56.3755, 64.9444



81.9575, 78.2028, 91.0086



56.6521, 55.7776, 57.0735



13.3262, 13.1596, 14.9788



19.0297, 9.6129, 9.8024



1.2763, 0.6402, 0.8641

Inverse Universe

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



58.1468, 56.3755, 64.9444



81.9575, 78.2028, 91.0086



58.8249, 65.7132, 75.2300



13.3262, 13.1596, 14.9788



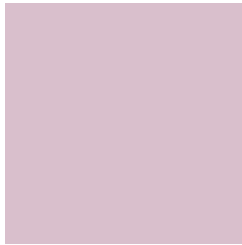
19.0297, 9.6129, 9.8024



1.2763, 0.6402, 0.8641

Previews

White Background



This preview shows how the XYZ color 58.1452, 56.3730, 64.9432 looks on a white background.

Color Contrast Check

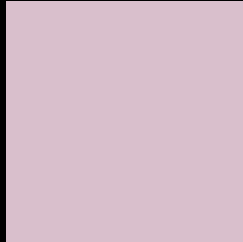
Large Text (above 18pt) WCAG AA × Fail

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 58.1452, 56.3730, 64.9432 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 58.1452, 56.3730, 64.9432

Background



This preview shows how black text looks on a background with the XYZ color 58.1452, 56.3730, 64.9432.



This preview shows how white text looks on a background with the XYZ color 58.1452, 56.3730,

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

58.1452, 56.3730, 64.9432

Protanopia

54.7819, 56.5796, 67.0651

Deuteranopia

57.4803, 56.3550, 64.9748



Tritanopia

58.3867, 56.4695, 66.2149

Trichromacy



Original Color

58.1452, 56.3730, 64.9432

Protanomaly

56.1093, 56.6083, 66.3617

Deuteranomaly

57.7731, 56.5060, 64.9885

Tritanomaly

58.2655, 56.4211, 65.5770

Monochromacy



Original Color

58.1452, 56.3730, 64.9432

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

55.9625, 57.2714, 63.3633

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1452, 56.3730, 64.9432 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(217, 191, 204)` looks like.

```
.text, #text, p{  
    color:rgb(217, 191, 204)  
}
```

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(217, 191, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 191, 204) }
```

Border

The CSS property to change the border of an element to XYZ 58.1452, 56.3730, 64.9432 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(217, 191, 204) }
```


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

```
.border{ border-color:rgb(217, 191, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 191, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 191, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 191, 204);  
box-shadow:4px 4px 4px 4px rgb(217, 191,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1452, 56.3730, 64.9432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 191, 204) }
```

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

```
.background{ background-color: rgb(217,  
191, 204) }
```

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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