

Converting Colors

XYZ(58.3284, 56.4206, 73.1786)

Have a look what the booklet for
XYZ(58.3284, 56.4206, 73.1786)
contains.

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Color

**XYZ(58.3066, 56.2684,
73.4334)**

Conversions

Conversions Part 1

Format	Color
Hex	D4BFD9
RGB	212, 191, 217
RGB Percent	83%, 75%, 85%
CMY	0.1686, 0.2510, 0.1490
CMYK	0.02, 0.12, 0.00, 0.15
HSL	288°, 25%, 80%
HSV	288°, 12%, 85%
XYZ	58.3066, 56.2684, 73.4334
YIQ	200.2430, 4.1700, 12.5380

Conversions

Conversions Part 2

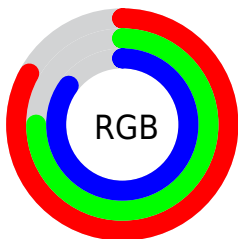
Format	Color
R_{YB}	212, 191, 217
Decimal	13942745
CIE _{Lab}	79.77, 12.06, -10.28
CIE _{LCh}	80, 15.844, 319.560
Yxy	56.2684, 0.3101, 0.2993
Android (android.graphics.Color)	4292132825 (0xFFD4BFD9)
YUV	200.2430, 8.2612, 10.3109
Hunter-Lab	75.0123, 7.4756, -5.5335

Details

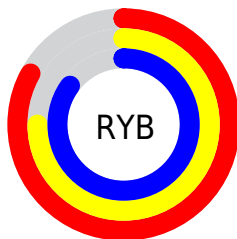
The XYZ color **58.3066, 56.2684, 73.4334** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **56.9837, 65.1245, 58.8599**, and the grayscale version is **54.9997, 57.8640, 63.0139**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **29.5147, 27.9537, 38.0224** is the 20% darker color. If you saturate the color by 10%, you get **52.7335, 46.8843, 71.9167**, and if you desaturate by 10%, it is **64.6153, 67.0756, 75.1877**.

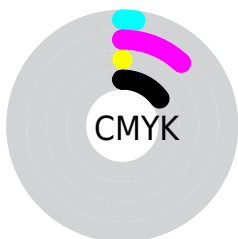
Distribution



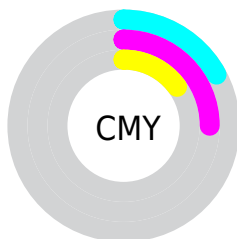
- Red (83%)
- Green (75%)
- Blue (85%)



- Red (83%)
- Yellow (75%)
- Blue (85%)



- Cyan (2%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)



- Cyan (17%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3066, 56.2684, 73.4334 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 58.3066, 56.2684, 73.4334 by changing the saturation by 10% instead.

■ 58.3066, 56.2684,
73.4334

■ 58.3066, 56.2684,
73.4334

408.2629,
410.7022, 491.6265

■ 42.2994, 40.4182,
53.8364

■ 101.4896, 99.3969,
125.8189

■ 29.5279, 27.8647,
38.0786

129.3961,
127.4439, 159.4445

■ 19.6268, 18.2237,
25.7414

161.9998,
160.3254, 198.5834

■ 12.2308, 11.1107,
16.4063

199.6660,
198.4256, 243.6542

■ 6.9744, 6.1414,
9.6546

242.7600,
242.1290, 295.0754

■ 3.4923, 2.9312,
5.0680

291.6473,

■ 1.4191, 1.0959,

291.8200, 353.2654

2.2278

346.6931,
347.8829, 418.6430

■ 0.2698, 0.0000,
0.6903

■ 0.0000, 0.0000,
0.0000

■ 58.3066, 56.2684,
73.4334

■ 58.3066, 56.2684,
73.4334

■ 52.7335, 46.8843,
71.9167

■ 64.6153, 67.0756,
75.1877

■ 47.8600, 38.8545,
70.6236

■ 71.6835, 79.3564,
77.1856

■ 43.6545, 32.1153,
69.5445

■ 79.1869, 92.4606,
79.3195

■ 40.0810, 26.5949,
68.6673

■ 80.5003, 93.1376,
79.3810

37.1000, 22.2147,
67.9789

81.8457, 93.8312,
79.4440

34.6672, 18.8865,
67.4647

83.2233, 94.5414,
79.5084

32.7318, 16.5091,
67.1079

84.6334, 95.2683,
79.5744

31.2331, 14.9614,
66.8881

86.0761, 96.0121,
79.6419

30.2642, 14.1549,
66.7835

87.5516, 96.7728,
79.7110

Harmonies

Analogous

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



55.5698, 56.2684, 79.4334



58.3066, 56.2684, 73.4334



59.7691, 56.2684, 64.5183

Triad

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



58.3066, 56.2684, 73.4334



54.6051, 56.2684, 45.5074



47.8860, 56.2684, 67.3632

Complementary

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



58.3066, 56.2684, 73.4334



56.9837, 65.1245, 58.8599

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.



47.6509, 56.2684, 58.1262



58.3066, 56.2684, 73.4334



51.4460, 56.2684, 46.1053

Square

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



58.3066, 56.2684, 73.4334



57.5762, 56.2684, 48.8001



48.9301, 56.2684, 50.5241



49.5856, 56.2684, 75.6939

Rectangle

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



58.3066, 56.2684, 73.4334



59.7868, 56.2684, 58.3840



48.9301, 56.2684, 50.5241



47.6357, 56.2684, 64.2429

Sweetspot

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



58.3083, 56.2708, 73.4346



91.1639, 93.2937, 107.8104



53.7976, 55.6588, 73.5542



19.3607, 19.7070, 23.0334



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.



58.3083, 56.2708, 73.4346



82.2189, 78.0208, 105.3338



58.7812, 56.6291, 68.2854



13.3562, 13.1417, 16.4848



18.4057, 8.6127, 40.4307



1.2567, 0.5911, 2.6223

Inverse Universe

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



57.2118, 56.0013, 60.0210



80.4001, 77.5798, 82.8076



56.5862, 64.8177, 63.4421



13.1579, 13.0922, 14.0926



17.6016, 9.0417, 2.2820



1.1706, 0.5979, 0.3072

Previews

White Background



This preview shows how the XYZ color 58.3066, 56.2684, 73.4334 looks on a white background.

Color Contrast Check

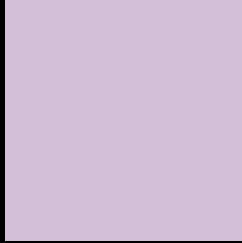
Large Text (above 18pt) WCAG AA × Fail

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 58.3066, 56.2684, 73.4334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

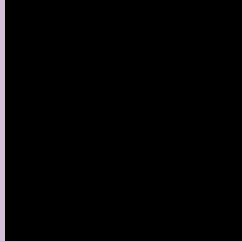
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3066, 56.2684, 73.4334

Background



This preview shows how black text looks on a background with the XYZ color 58.3066, 56.2684, 73.4334.



This preview shows how white text looks on a background with the XYZ color 58.3066, 56.2684,

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

58.3066, 56.2684, 73.4334

Protanopia

55.1639, 56.2493, 75.6599

Deuteranopia

57.3864, 56.1189, 73.4531



Tritanopia

57.3191, 56.5429, 67.5673

Trichromacy



Original Color

58.3066, 56.2684, 73.4334

Protanomaly

56.1654, 56.1156, 74.8890

Deuteranomaly

57.6685, 56.2643, 73.4663

Tritanomaly

57.4715, 56.2513, 69.4565

Monochromacy



Original Color

58.3066, 56.2684, 73.4334

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.0087, 57.2261, 66.4863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3066, 56.2684, 73.4334 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(212, 191, 217)` looks like.

```
.text, #text, p{  
    color:rgb(212, 191, 217)  
}
```

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(212, 191, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 191, 217) }
```

Border

The CSS property to change the border of an element to XYZ 58.3066, 56.2684, 73.4334 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(212, 191, 217) }
```


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

```
.border{ border-color:rgb(212, 191, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 191, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 191, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 191, 217);  
box-shadow:4px 4px 4px 4px rgb(212, 191,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3066, 56.2684, 73.4334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 191, 217) }
```

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

```
.background{ background-color: rgb(212,  
191, 217) }
```

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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