

Converting Colors

XYZ(42.7152, 56.8604, 41.5855)

Have a look what the booklet for
XYZ(42.7152, 56.8604, 41.5855)
contains.

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Color

**XYZ(42.8823, 57.0804,
41.5584)**

Conversions

Conversions Part 1

Format	Color
Hex	96D69F
RGB	150, 214, 159
RGB Percent	59%, 84%, 62%
CMY	0.4118, 0.1608, 0.3765
CMYK	0.30, 0.00, 0.26, 0.16
HSL	128°, 44%, 71%
HSV	128°, 30%, 84%
XYZ	42.8823, 57.0804, 41.5584
YIQ	188.5940, -20.4890, -30.6730

Conversions

Conversions Part 2

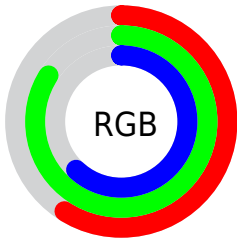
Format	Color
RYB	150, 206, 214
Decimal	9885343
CIELab	80.22, -31.28, 20.83
CIELCh	80, 37.577, 146.338
Yxy	57.0804, 0.3030, 0.4033
Android (android.graphics.Color)	4288075423 (0xFF96D69F)
YUV	188.5940, -14.5898, -33.8469
Hunter-Lab	75.5516, -30.9005, 20.2726

Details

The XYZ color **42.8823, 57.0804, 41.5584** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **49.6593, 40.5179, 62.9634**, and the grayscale version is **48.2282, 50.7398, 55.2557**.

A 20% lighter version of the original color is **73.3512, 89.4969, 77.0269**, and **19.9817, 28.3992, 18.3384** is the 20% darker color. If you saturate the color by 10%, you get **37.8193, 54.6428, 33.6017**, and if you desaturate by 10%, it is **48.9050, 59.9885, 50.8020**.

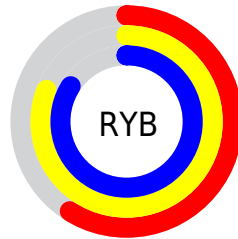
Distribution



Red (59%)

Green (84%)

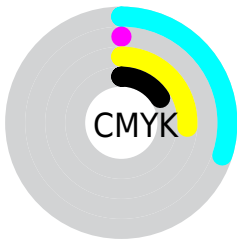
Blue (62%)



Red (59%)

Yellow (81%)

Blue (84%)

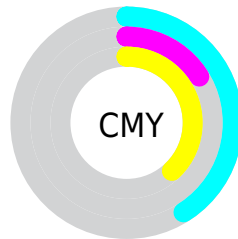


Cyan (30%)

Magenta (0%)

Yellow (26%)

Black (16%)



Cyan (41%)

Magenta (16%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8823, 57.0804, 41.5584 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 42.8823, 57.0804, 41.5584 by changing the saturation by 10% instead.

■ 42.8823, 57.0804,
41.5584

■ 42.8823, 57.0804,
41.5584

349.0572,
413.7505, 368.3946

■ 29.9869, 41.0698,
28.4327

■ 78.7900, 100.5825,
78.7937

■ 19.9767, 28.3736,
18.4102

■ 102.5331,
128.8428, 103.7404

■ 12.4862, 18.6075,
11.0724

130.6227,
161.9551, 133.4644

■ 7.1503, 11.3870,
6.0008

163.4243,
200.3038, 168.3844

■ 3.6034, 6.3278,
2.7768

201.3032,
244.2733, 208.9189

■ 1.4803, 3.0454,
0.9818

244.6247,

■ 0.3124, 1.1555,

294.2479, 255.4864

0.0000

293.7543,
350.6122, 308.5054

■ 0.0000, 0.0249,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 42.8823, 57.0804,
41.5584

■ 42.8823, 57.0804,
41.5584

■ 37.8193, 54.6428,
33.6017

■ 48.9050, 59.9885,
50.8020

■ 33.6617, 52.6442,
26.8711

■ 55.9289, 63.3825,
61.3820

■ 30.3571, 51.0603,
21.3069

■ 63.9984, 67.2860,
73.3499

■ 27.8453, 49.8617,
16.8426

■ 73.1542, 71.7188,
86.7535

■ 26.0584, 49.0148,
13.4050

■ 82.6934, 76.3177,
101.6034

■ 24.9169, 48.4803,
10.9122

■ 83.3377, 76.5754,
104.9959

■ 24.2879, 48.1917,
9.2680

■ 24.2832, 48.1896,
9.2563

Harmonies

Analogous

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



47.9706, 57.0804, 31.4665



42.8823, 57.0804, 41.5584



40.8280, 57.0804, 59.4922

Triad

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



42.8823, 57.0804, 41.5584



53.3168, 57.0804, 114.5389



68.5702, 57.0804, 45.2345

Complementary

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



42.8823, 57.0804, 41.5584



49.6593, 40.5179, 62.9634

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.



70.3394, 57.0804, 64.8876



42.8823, 57.0804, 41.5584



61.0618, 57.0804, 108.1997

Square

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



42.8823, 57.0804, 41.5584



46.4833, 57.0804, 104.3427



67.4751, 57.0804, 88.6209



62.8440, 57.0804, 33.2114

Rectangle

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



42.8823, 57.0804, 41.5584



41.2975, 57.0804, 74.8032



67.4751, 57.0804, 88.6209



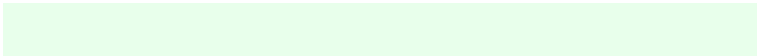
69.6693, 57.0804, 51.0123

Sweetspot

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



42.8838, 57.0828, 41.5597



84.0905, 94.6984, 92.6541



54.8597, 63.3436, 38.1899



17.6458, 20.0987, 19.3043



0.0000, 0.0000, 0.0000



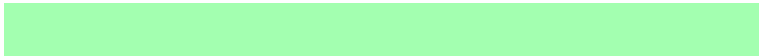
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.8838, 57.0828, 41.5597



58.7526, 82.4666, 53.9522



45.9787, 58.3207, 57.8570



12.3328, 13.9241, 13.5672



14.6997, 29.1352, 5.7145



0.9101, 1.7667, 0.4681

Inverse Universe

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



49.6593, 40.5179, 62.9634



70.4133, 53.9417, 90.7762



46.2277, 39.1453, 44.8929



12.8744, 12.6013, 15.2789



22.0146, 10.7421, 28.4445



1.3489, 0.6564, 1.8268

Previews

White Background



This preview shows how the XYZ color 42.8823, 57.0804, 41.5584 looks on a white background.

Color Contrast Check

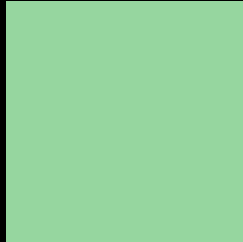
Large Text (above 18pt) WCAG AA × Fail

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 42.8823, 57.0804, 41.5584 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

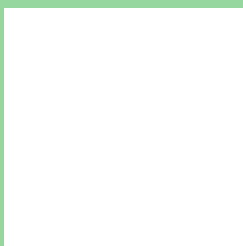
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.8823, 57.0804, 41.5584

Background



This preview shows how black text looks on a background with the XYZ color 42.8823, 57.0804, 41.5584.



This preview shows how white text looks on a background with the XYZ color 42.8823, 57.0804,

41.5584.

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

42.8823, 57.0804, 41.5584

Protanopia

53.0130, 56.6522, 37.8467

Deuteranopia

57.6447, 56.6000, 43.0086



Tritanopia

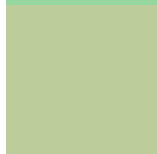
50.1564, 57.0979, 77.4847

Trichromacy



Original Color

42.8823, 57.0804, 41.5584



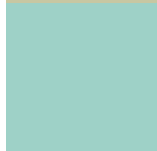
Protanomaly

48.4955, 56.3711, 39.3351



Deuteranomaly

50.7644, 55.7348, 42.2647



Tritanomaly

47.2098, 56.9936, 62.5455

Monochromacy



Original Color

42.8823, 57.0804, 41.5584



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

45.9092, 52.7165, 49.8751

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8823, 57.0804, 41.5584 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(150, 214, 159)` looks like.

```
.text, #text, p{  
    color:rgb(150, 214, 159)  
}
```

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(150, 214, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 214, 159) }
```

Border

The CSS property to change the border of an element to XYZ 42.8823, 57.0804, 41.5584 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(150, 214, 159) }
```


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

```
.border{ border-color:rgb(150, 214, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 214, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 214, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 214, 159);  
box-shadow:4px 4px 4px 4px rgb(150, 214,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8823, 57.0804, 41.5584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 214, 159) }
```

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

```
.background{ background-color: rgb(150,  
214, 159) }
```

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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