

Converting Colors

XYZ(63.4318, 51.4967, 60.0227)

Have a look what the booklet for
XYZ(63.4318, 51.4967, 60.0227)
contains.

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Color

**XYZ(63.4318, 51.4967,
60.0227)**

Conversions

Conversions Part 1

Format	Color
Hex	FBA5C6
RGB	251, 165, 198
RGB Percent	98%, 65%, 78%
CMY	0.0157, 0.3529, 0.2235
CMYK	0.00, 0.34, 0.21, 0.02
HSL	337°, 91%, 82%
HSV	337°, 34%, 98%
XYZ	63.4318, 51.4967, 60.0227
YIQ	194.4760, 40.6630, 28.4950

Conversions

Conversions Part 2

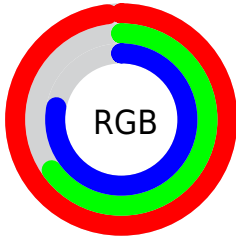
Format	Color
R_{YB}	251, 165, 198
Decimal	16491974
CIE _{Lab}	76.98, 36.17, -3.68
CIE _{LCh}	77, 36.360, 354.190
Yxy	51.4967, 0.3626, 0.2943
Android (android.graphics.Color)	4294682054 (0xFFFBA5C6)
YUV	194.4760, 1.7373, 49.5715
Hunter-Lab	71.7612, 32.1992, 0.6413

Details

The XYZ color **63.4318, 51.4967, 60.0227** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **62.6713, 82.0569, 78.8690**, and the grayscale version is **51.5346, 54.2184, 59.0439**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **32.8205, 24.9394, 29.4695** is the 20% darker color. If you saturate the color by 10%, you get **57.6468, 42.6375, 49.7361**, and if you desaturate by 10%, it is **70.2904, 62.2103, 71.5675**.

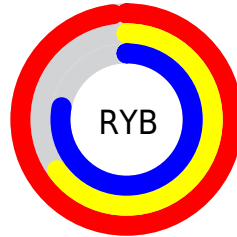
Distribution



Red (98%)

Green (65%)

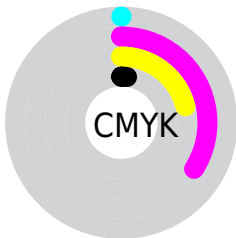
Blue (78%)



Red (98%)

Yellow (65%)

Blue (78%)

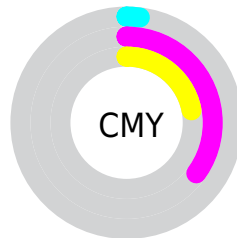


Cyan (0%)

Magenta (34%)

Yellow (21%)

Black (2%)



Cyan (2%)


Magenta (35%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.4318, 51.4967, 60.0227 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 63.4318, 51.4967, 60.0227 by changing the saturation by 10% instead.

 63.4318, 51.4967,
60.0227

 63.4318, 51.4967,
60.0227


426.7697,
392.4905, 442.4884

 46.4506, 36.6041,
43.0115

 108.8705, 92.3886,
106.4063

 32.8077, 24.9011,
29.5627


 138.0588,
119.1566, 136.6158

 22.1377, 16.0034,
19.2577


172.0467,
150.6518, 172.0618

 14.0753, 9.5265,
11.6779

211.1998,
187.2587, 213.1628

 8.2551, 5.0862,
6.4049

255.8832,
229.3616, 260.3375

 4.3118, 2.2979,
3.0201

306.4624,

 1.8800, 0.7726,

277.3450, 314.0043

1.1049

363.3028,
331.5931, 374.5817

■ 0.5652, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.4318, 51.4967,
60.0227

■ 63.4318, 51.4967,
60.0227

■ 57.6468, 42.6375,
49.7361

■ 70.2904, 62.2103,
71.5675

■ 52.8733, 35.5189,
40.6584

■ 78.2713, 74.8692,
84.4107

■ 49.0494, 30.0258,
32.7415

■ 87.4256, 89.5666,
98.5946

■ 46.1043, 26.0259,
25.9319

■ 93.5938, 99.2493,
108.8319

■ 43.9561, 23.3658,
20.1713

■ 42.5057, 21.8581,
15.3930

■ 41.9092, 21.3595,
13.0541

Harmonies

Analogous

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



60.5640, 51.4967, 81.4879



63.4318, 51.4967, 60.0227



62.1317, 51.4967, 41.8454

Triad

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



63.4318, 51.4967, 60.0227



43.6876, 51.4967, 27.9723



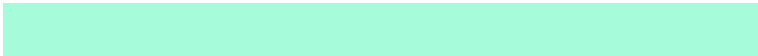
41.5579, 51.4967, 93.0518

Complementary

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



63.4318, 51.4967, 60.0227



62.6713, 82.0569, 78.8690

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.



37.7719, 51.4967, 73.2029



63.4318, 51.4967, 60.0227



38.9179, 51.4967, 36.5793

Square

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



63.4318, 51.4967, 60.0227



50.3071, 51.4967, 26.0348



36.8528, 51.4967, 52.2970



47.6098, 51.4967, 103.2373

Rectangle

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



63.4318, 51.4967, 60.0227



59.1332, 51.4967, 33.4599



36.8528, 51.4967, 52.2970



40.0018, 51.4967, 87.0914

Sweetspot

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



63.4333, 51.4991, 60.0237



85.0199, 83.8245, 93.5802



59.3663, 48.5685, 97.5129



17.9175, 17.4927, 19.5936



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.



63.4333, 51.4991, 60.0237



61.5744, 46.9590, 54.8579



61.6359, 53.3461, 42.6486



17.5202, 17.3354, 19.3292



22.0948, 11.2536, 7.2074



2.0963, 1.0623, 0.9307

Inverse Universe

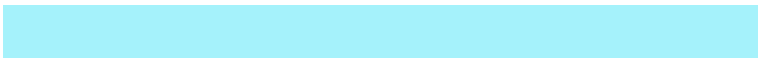
The Inverse Universe completely reimagines the original color for something new.



63.4333, 51.4991, 60.0237



61.5744, 46.9590, 54.8579



64.8027, 78.7083, 103.0440



17.5202, 17.3354, 19.3292



22.0948, 11.2536, 7.2074



2.0963, 1.0623, 0.9307

Previews

White Background



This preview shows how the XYZ color 63.4318, 51.4967, 60.0227 looks on a white background.

Color Contrast Check

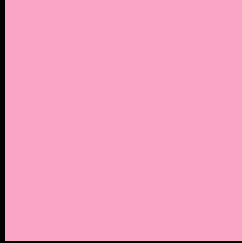
Large Text (above 18pt) WCAG AA × Fail

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 63.4318, 51.4967, 60.0227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

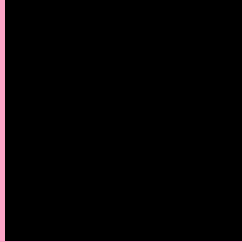
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.4318, 51.4967, 60.0227

Background



This preview shows how black text looks on a background with the XYZ color 63.4318, 51.4967, 60.0227.



This preview shows how white text looks on a background with the XYZ color 63.4318, 51.4967,

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

63.4318, 51.4967, 60.0227

Protanopia

50.7014, 51.7641, 70.2700

Deuteranopia

52.8187, 51.8584, 58.2648



Tritanopia

61.4100, 51.4812, 50.4163

Trichromacy



Original Color

63.4318, 51.4967, 60.0227



Protanomaly

54.2848, 50.8982, 66.6377



Deuteranomaly

56.2021, 51.4689, 58.6021



Tritanomaly

62.2127, 51.5493, 53.6847

Monochromacy



Original Color

63.4318, 51.4967, 60.0227



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

54.8081, 52.2542, 58.8271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4318, 51.4967, 60.0227 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(251, 165, 198)` looks like.

```
.text, #text, p{  
    color:rgb(251, 165, 198)  
}
```

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(251, 165, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 165, 198) }
```

Border

The CSS property to change the border of an element to XYZ 63.4318, 51.4967, 60.0227 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(251, 165, 198) }
```


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

```
.border{ border-color:rgb(251, 165, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 165, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 165, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 165, 198);  
box-shadow:4px 4px 4px 4px rgb(251, 165,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4318, 51.4967, 60.0227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 165, 198) }
```

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

```
.background{ background-color: rgb(251,  
165, 198) }
```

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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