

Converting Colors

XYZ(64.1986, 59.8325, 43.3298)

Have a look what the booklet for
XYZ(64.1986, 59.8325, 43.3298)
contains.

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Color

**XYZ(64.3986, 60.0817,
43.3247)**

Conversions

Conversions Part 1

Format	Color
Hex	F9BFA4
RGB	249, 191, 164
RGB Percent	98%, 75%, 64%
CMY	0.0235, 0.2510, 0.3569
CMYK	0.00, 0.23, 0.34, 0.02
HSL	19°, 88%, 81%
HSV	19°, 34%, 98%
XYZ	64.3986, 60.0817, 43.3247
YIQ	205.2640, 43.2350, 3.8990

Conversions

Conversions Part 2

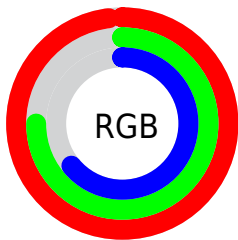
Format	Color
R_{YB}	249, 204, 164
Decimal	16367524
CIE _{Lab}	81.88, 17.25, 21.66
CIE _{LCh}	82, 27.687, 51.473
Yxy	60.0817, 0.3838, 0.3580
Android (android.graphics.Color)	4294557604 (0xFFF9BFA4)
YUV	205.2640, -20.3432, 38.3565
Hunter-Lab	77.5124, 12.6541, 21.1192

Details

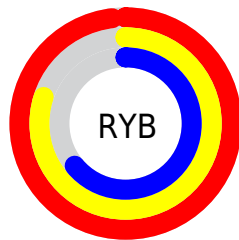
The XYZ color **64.3986, 60.0817, 43.3247** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.5291, 66.9724, 99.4648**, and the grayscale version is **58.3039, 61.3403, 66.7996**.

A 20% lighter version of the original color is **87.2869, 92.8960, 80.3480**, and **33.3561, 30.1375, 19.3883** is the 20% darker color. If you saturate the color by 10%, you get **58.8740, 52.2856, 31.4541**, and if you desaturate by 10%, it is **70.7964, 68.9191, 57.6595**.

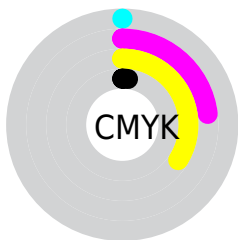
Distribution



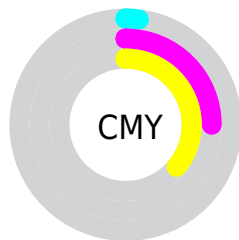
- Red (98%)
- Green (75%)
- Blue (64%)



- Red (98%)
- Yellow (80%)
- Blue (64%)



- Cyan (0%)
- Magenta (23%)
- Yellow (34%)
- Black (2%)





- Cyan (2%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 64.3986, 60.0817, 43.3247 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 64.3986, 60.0817, 43.3247 by changing the saturation by 10% instead.


 64.3986, 60.0817,
43.3247

 64.3986, 60.0817,
43.3247


430.2071,
424.8988, 375.9058

 47.2365, 43.4845,
29.8067


 110.2553,
104.9482, 81.4922

 33.4314, 30.2654,
19.4411

 139.6806,
133.9862, 106.9788

 22.6179, 20.0402,
11.8094


173.9244,
167.9400, 137.2920

 14.4308, 12.4242,
6.4931

213.3519,
207.1939, 172.8503

 8.5046, 7.0333,
3.0736

258.3286,
252.1324, 214.0723

 4.4740, 3.4829,
1.1323

309.2198,

 1.9736, 1.3888,

303.1398, 261.3765

0.0000

366.3908,
360.6005, 315.1815

0.6191, 0.2084,
0.0000

0.0000, 0.0000,
0.0000

64.3986, 60.0817,
43.3247

64.3986, 60.0817,
43.3247

58.8740, 52.2856,
31.4541

70.7964, 68.9191,
57.6595

54.1775, 45.4828,
21.9034

78.1003, 78.8267,
74.5843

50.2667, 39.6337,
14.5184

86.3472, 89.8427,
94.2208

47.0930, 34.6929,
9.1249

92.8770, 98.8798,
108.7983

■ 44.6019, 30.6102,
5.5209

■ 42.7288, 27.3299,
3.4603

■ 41.8709, 25.7475,
2.7629

Harmonies

Analogous

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



68.2198, 60.0817, 54.3260



64.3986, 60.0817, 43.3247



58.7890, 60.0817, 38.4640

Triad

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



64.3986, 60.0817, 43.3247



46.6937, 60.0817, 60.7601



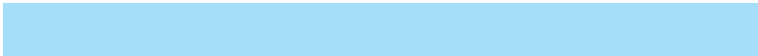
61.3210, 60.0817, 100.1883

Complementary

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



64.3986, 60.0817, 43.3247



58.5291, 66.9724, 99.4648

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.



55.4551, 60.0817, 102.7057



64.3986, 60.0817, 43.3247



47.2697, 60.0817, 77.9273

Square

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



64.3986, 60.0817, 43.3247



48.7545, 60.0817, 47.3434



50.3856, 60.0817, 93.9785



66.3602, 60.0817, 87.5929

Rectangle

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



64.3986, 60.0817, 43.3247



54.8987, 60.0817, 38.6662



50.3856, 60.0817, 93.9785



59.3714, 60.0817, 102.3178

Sweetspot

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



64.4002, 60.0845, 43.3259



85.9114, 87.8624, 86.9264



65.5388, 51.9697, 75.7431



18.1312, 18.4616, 17.9955



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.



64.4002, 60.0845, 43.3259



63.8526, 57.6191, 36.8007



75.0251, 81.3344, 46.8676



17.6947, 18.1252, 18.0283



22.5252, 14.0071, 1.5164



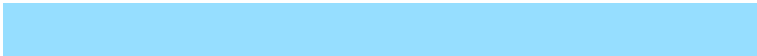
2.1773, 1.4794, 0.1708

Inverse Universe

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



58.5291, 66.9724, 99.4648



56.7745, 65.8745, 104.3305



48.6466, 47.2073, 96.1707



17.2736, 18.6240, 22.0697



16.9699, 19.2954, 50.8035



1.6670, 1.9778, 4.7371

Previews

White Background



This preview shows how the XYZ color 64.3986, 60.0817, 43.3247 looks on a white background.

Color Contrast Check

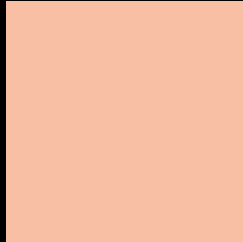
Large Text (above 18pt) WCAG AA × Fail

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 64.3986, 60.0817, 43.3247 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 64.3986, 60.0817, 43.3247

Background



This preview shows how black text looks on a background with the XYZ color 64.3986, 60.0817, 43.3247.



This preview shows how white text looks on a background with the XYZ color 64.3986, 60.0817,

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

64.3986, 60.0817, 43.3247

Protanopia

56.6360, 60.0612, 46.6382

Deuteranopia

61.6107, 60.3013, 43.0424



Tritanopia

68.4922, 60.1706, 62.6477

Trichromacy



Original Color

64.3986, 60.0817, 43.3247

Protanomaly

59.1699, 60.0049, 45.5093

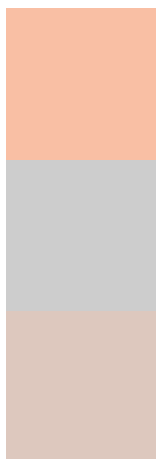
Deuteranomaly

62.5206, 60.1052, 42.9566

Tritanomaly

67.0977, 60.2497, 55.1066

Monochromacy



Original Color

64.3986, 60.0817, 43.3247

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.7673, 60.3984, 57.2232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3986, 60.0817, 43.3247 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(249, 191, 164)` looks like.

```
.text, #text, p{  
    color:rgb(249, 191, 164)  
}
```

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(249, 191, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 191, 164) }
```

Border

The CSS property to change the border of an element to XYZ 64.3986, 60.0817, 43.3247 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(249, 191, 164) }
```


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

```
.border{ border-color:rgb(249, 191, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 191, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 191, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 191, 164); box-shadow:4px 4px 4px 4px rgb(249, 191, 164) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3986, 60.0817, 43.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 191, 164) }
```

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

```
.background{ background-color: rgb(249,  
191, 164) }
```

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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