

Converting Colors

XYZ(66.0326, 64.1476, 41.8066)

Have a look what the booklet for
XYZ(66.0326, 64.1476, 41.8066)
contains.

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Color

**XYZ(66.2116, 64.4162,
41.7447)**

Conversions

Conversions Part 1

Format	Color
Hex	F9C99F
RGB	249, 201, 159
RGB Percent	98%, 79%, 62%
CMY	0.0235, 0.2117, 0.3765
CMYK	0.00, 0.19, 0.36, 0.02
HSL	28°, 88%, 80%
HSV	28°, 36%, 98%
XYZ	66.2116, 64.4162, 41.7447
YIQ	210.5640, 42.0900, -2.8860

Conversions

Conversions Part 2

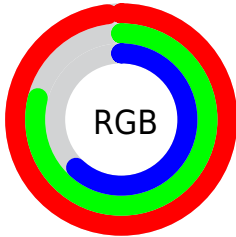
Format	Color
R_{YB}	249, 238, 159
Decimal	16370079
CIE _{Lab}	84.18, 11.42, 27.43
CIE _{LCh}	84, 29.716, 67.405
Yxy	64.4162, 0.3841, 0.3737
Android (android.graphics.Color)	4294560159 (0xFFFF9C99F)
YUV	210.5640, -25.4211, 33.7084
Hunter-Lab	80.2597, 6.8021, 25.3439

Details

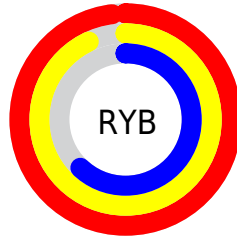
The XYZ color **66.2116, 64.4162, 41.7447** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **53.7091, 58.8342, 98.1481**, and the grayscale version is **61.7735, 64.9905, 70.7747**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **34.5734, 33.0053, 18.4584** is the 20% darker color. If you saturate the color by 10%, you get **61.3023, 57.7140, 30.5004**, and if you desaturate by 10%, it is **71.8271, 71.8338, 55.3730**.

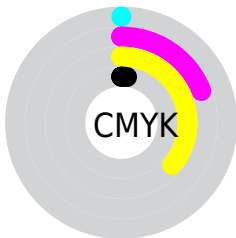
Distribution



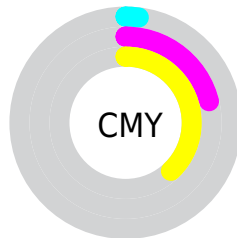
- Red (98%)
- Green (79%)
- Blue (62%)



- Red (98%)
- Yellow (93%)
- Blue (62%)



- Cyan (0%)
- Magenta (19%)
- Yellow (36%)
- Black (2%)





- Cyan (2%)
- Magenta (21%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.2116, 64.4162, 41.7447 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 66.2116, 64.4162, 41.7447 by changing the saturation by 10% instead.


 66.2116, 64.4162,
41.7447


 66.2116, 64.4162,
41.7447


436.6100,
440.6911, 369.1919

 48.7125, 46.9879,
28.5774


 112.8460,
111.2101, 79.0790

 34.6051, 33.0261,
18.5185

 142.7121,
141.3445, 104.0831

 23.5239, 22.1464,
11.1496


177.4312,
176.4830, 133.8698

 15.1037, 13.9645,
6.0521

217.3687,
217.0100, 168.8576

 8.9790, 8.0960,
2.8075

262.8900,
263.3099, 209.4653

 4.7845, 4.1564,
0.9972

314.3604,

 2.1548, 1.7614,

315.7671, 256.1112

0.0000

372.1453,
374.7660, 309.2139

0.7188, 0.4630,
0.0000

0.0000, 0.0000,
0.0000

66.2116, 64.4162,
41.7447

66.2116, 64.4162,
41.7447

61.3023, 57.7140,
30.5004

71.8271, 71.8338,
55.3730

57.0611, 51.6942,
21.4955

78.1745, 79.9803,
71.5105

53.4538, 46.3340,
14.5756

85.2840, 88.8802,
90.2781

50.4398, 41.6056,
9.5647

92.5971, 98.3199,
108.7050

■ 47.9731, 37.4784,
6.2572

■ 92.8770, 98.8798,
108.7983

■ 45.9977, 33.9171,
4.3980

■ 45.3371, 32.6801,
3.9184

Harmonies

Analogous

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



71.8251, 64.4162, 50.3670



66.2116, 64.4162, 41.7447



59.6110, 64.4162, 40.0167

Triad

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



66.2116, 64.4162, 41.7447



49.5272, 64.4162, 74.9079



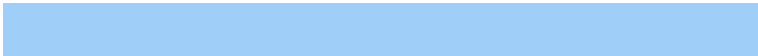
69.2291, 64.4162, 103.0025

Complementary

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



66.2116, 64.4162, 41.7447



53.7091, 58.8342, 98.1481

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.



62.8692, 64.4162, 112.5083



66.2116, 64.4162, 41.7447



51.7240, 64.4162, 94.5055

Square

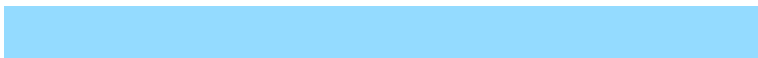
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.2116, 64.4162, 41.7447



50.2818, 64.4162, 57.1290



56.4965, 64.4162, 109.1486



73.6524, 64.4162, 84.9863

Rectangle

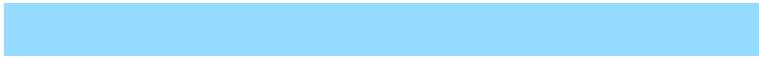
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



66.2116, 64.4162, 41.7447



55.5902, 64.4162, 42.6598



56.4965, 64.4162, 109.1486



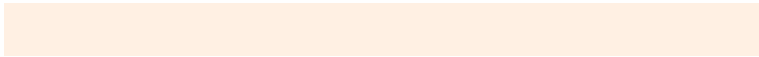
67.2297, 64.4162, 107.4335

Sweetspot

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



66.2132, 64.4192, 41.7460



86.2706, 89.1480, 85.2972



62.7280, 49.4417, 65.2691



18.2487, 18.8097, 17.6861



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.



66.2132, 64.4192, 41.7460



66.2367, 63.0329, 35.6053



78.2810, 88.5547, 45.7686



17.9124, 18.5607, 18.1009



24.4075, 17.7716, 2.1438



2.3655, 1.8559, 0.2336

Inverse Universe

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



53.7091, 58.8342, 98.1481



51.3398, 56.3735, 102.7830



44.3180, 40.0519, 95.0177



17.0495, 18.1759, 21.9950



13.7705, 12.8966, 49.7371



1.3815, 1.4067, 4.6419

Previews

White Background



This preview shows how the XYZ color 66.2116, 64.4162, 41.7447 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 66.2116, 64.4162, 41.7447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

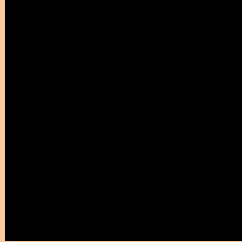
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.2116, 64.4162, 41.7447

Background



This preview shows how black text looks on a background with the XYZ color 66.2116, 64.4162, 41.7447.



This preview shows how white text looks on a background with the XYZ color 66.2116, 64.4162,

41.7447.

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

66.2116, 64.4162, 41.7447

Protanopia

60.3979, 64.5848, 43.9331

Deuteranopia

65.7363, 64.5184, 41.7895



Tritanopia

71.6735, 64.2579, 68.9470

Trichromacy



Original Color

66.2116, 64.4162, 41.7447

Protanomaly

62.4387, 64.5579, 43.3525

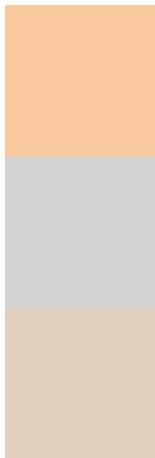
Deuteranomaly

66.0899, 64.7007, 41.8061

Tritanomaly

69.5151, 64.3895, 58.0548

Monochromacy



Original Color

66.2116, 64.4162, 41.7447

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.8786, 64.4390, 58.9931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.2116, 64.4162, 41.7447 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, 201, 159)` looks like.

```
.text, #text, p{  
    color:rgb(249, 201, 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(249, 201, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 201, 159) }
```

Border

The CSS property to change the border of an element to XYZ 66.2116, 64.4162, 41.7447 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, 201, 159) }
```


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

```
.border{ border-color:rgb(249, 201, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 201, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 201, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 201, 159);  
box-shadow:4px 4px 4px 4px rgb(249, 201,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 66.2116, 64.4162, 41.7447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 201, 159) }
```

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

```
.background{ background-color: rgb(249,  
201, 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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