

Converting Colors

XYZ(67.1975, 67.2384, 41.2253)

Have a look what the booklet for
XYZ(67.1975, 67.2384, 41.2253)
contains.

XYZ(67.1100, 67.0164, 41.2967)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(67.1100, 67.0164,
41.2967)**

Conversions

Conversions Part 1

Format	Color
Hex	F8CF9D
RGB	248, 207, 157
RGB Percent	97%, 81%, 62%
CMY	0.0275, 0.1882, 0.3843
CMYK	0.00, 0.17, 0.37, 0.03
HSL	33°, 87%, 79%
HSV	33°, 37%, 97%
XYZ	67.1100, 67.0164, 41.2967
YIQ	213.5590, 40.4860, -6.8580

Conversions

Conversions Part 2

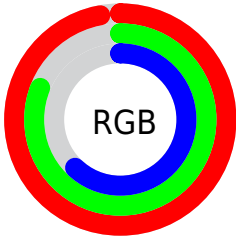
Format	Color
R_{YB}	232, 248, 157
Decimal	16306077
CIE _{Lab}	85.51, 7.68, 30.25
CIE _{LCh}	86, 31.210, 75.756
Yxy	67.0164, 0.3826, 0.3820
Android (android.graphics.Color)	4294496157 (0xFFF8CF9D)
YUV	213.5590, -27.8836, 30.2048
Hunter-Lab	81.8635, 3.0693, 27.3952

Details

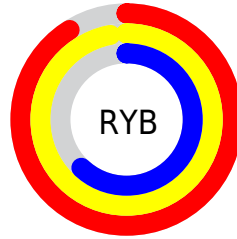
The XYZ color **67.1100, 67.0164, 41.2967** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.0414, 54.3318, 96.6038**, and the grayscale version is **63.7839, 67.1056, 73.0780**.

A 20% lighter version of the original color is **88.8837, 97.5335, 76.4285**, and **35.1762, 34.7495, 18.2179** is the 20% darker color. If you saturate the color by 10%, you get **62.5926, 61.0330, 30.3839**, and if you desaturate by 10%, it is **72.2521, 73.5611, 54.5393**.

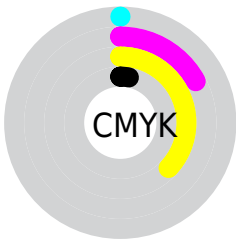
Distribution



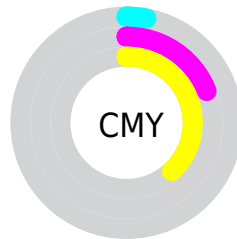
- Red (97%)
- Green (81%)
- Blue (62%)



- Red (91%)
- Yellow (97%)
- Blue (62%)



- Cyan (0%)
- Magenta (17%)
- Yellow (37%)
- Black (3%)



- Cyan (3%)
- Magenta (19%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1100, 67.0164, 41.2967 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 67.1100, 67.0164, 41.2967 by changing the saturation by 10% instead.

67.1100, 67.0164,
41.2967

67.1100, 67.0164,
41.2967

439.7625,
450.0031, 367.2724

49.4451, 49.0980,
28.2295

114.1269,
114.9439, 78.3926

35.1886, 34.6972,
18.2582

144.2096,
145.7218, 103.2585

23.9754, 23.4297,
10.9642

179.1623,
181.5549, 132.8944

15.4400, 14.9111,
5.9289

219.3503,
222.8276, 167.7188

9.2171, 8.7570,
2.7338

265.1390,
269.9245, 208.1502

4.9413, 4.5830,
0.9604

316.8937,

2.2473, 2.0048,

323.2297, 254.6073

0.0000

374.9797,
383.1278, 307.5085

■ 0.7675, 0.6102,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.1100, 67.0164,
41.2967

■ 67.1100, 67.0164,
41.2967

■ 62.5926, 61.0330,
30.3839

■ 72.2521, 73.5611,
54.5393

■ 58.6648, 55.5831,
21.6577

■ 78.0417, 80.6748,
70.2352

■ 55.2951, 50.6502,
14.9654

■ 84.5062, 88.3771,
88.5038

■ 52.4464, 46.2127,
10.1323

■ 91.4760, 96.6058,
108.4332

■ 50.0760, 42.2464,
6.9541

■ 92.5214, 98.6964,
108.7817

■ 48.1305, 38.7228,
5.1730

■ 47.5548, 37.6433,
4.7595

Harmonies

Analogous

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



73.6881, 67.0164, 48.4256



67.1100, 67.0164, 41.2967



60.0672, 67.0164, 41.4794

Triad

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



67.1100, 67.0164, 41.2967



51.4591, 67.0164, 84.0907



73.9687, 67.0164, 103.7342

Complementary

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



67.1100, 67.0164, 41.2967



51.0414, 54.3318, 96.6038

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.



67.4703, 67.0164, 117.3546



67.1100, 67.0164, 41.2967



54.6526, 67.0164, 104.6577

Square

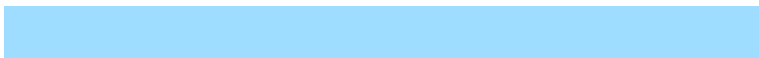
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.1100, 67.0164, 41.2967



51.3784, 67.0164, 63.7799



60.4019, 67.0164, 117.7209



77.8425, 67.0164, 83.0018

Rectangle

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



67.1100, 67.0164, 41.2967



56.0599, 67.0164, 45.6546



60.4019, 67.0164, 117.7209



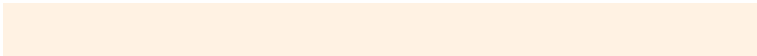
71.9981, 67.0164, 109.4524

Sweetspot

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



67.1117, 67.0195, 41.2981



86.9587, 90.5243, 85.5266



61.1319, 48.2163, 60.4027



18.4126, 19.1375, 17.7407



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.



67.1117, 67.0195, 41.2981



67.8840, 66.6395, 35.1921



77.2979, 88.9756, 44.9992



18.0353, 18.8064, 18.1418



25.8313, 20.6193, 2.6185



2.4983, 2.1215, 0.2778

Inverse Universe

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



51.0414, 54.3318, 96.6038



48.4894, 51.3344, 101.9606



43.5048, 38.3691, 93.9199



16.9269, 17.9307, 21.9541



12.4019, 10.1593, 49.2808



1.2528, 1.1493, 4.5990

Previews

White Background



This preview shows how the XYZ color 67.1100, 67.0164, 41.2967 looks on a white background.

Color Contrast Check

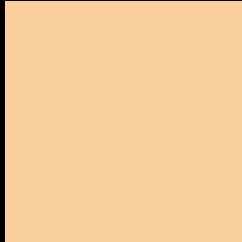
Large Text (above 18pt) WCAG AA × Fail

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 67.1100, 67.0164, 41.2967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

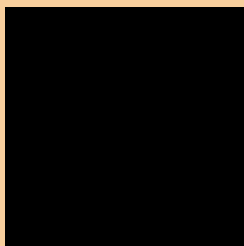
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.1100, 67.0164, 41.2967

Background



This preview shows how black text looks on a background with the XYZ color 67.1100, 67.0164, 41.2967.



This preview shows how white text looks on a background with the XYZ color 67.1100, 67.0164,

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

67.1100, 67.0164, 41.2967

Protanopia

62.7048, 67.2892, 42.9409

Deuteranopia

68.4251, 66.9796, 41.2203



Tritanopia

73.5622, 66.8240, 73.3111

Trichromacy



Original Color

67.1100, 67.0164, 41.2967

Protanomaly

64.1443, 66.9246, 42.3379

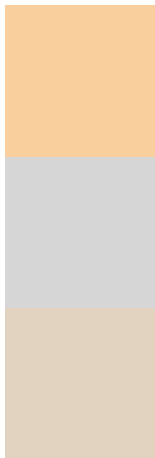
Deuteranomaly

67.9408, 67.0862, 41.2663

Tritanomaly

71.0030, 66.8315, 60.1965

Monochromacy



Original Color

67.1100, 67.0164, 41.2967

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.2839, 66.6075, 59.9205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1100, 67.0164, 41.2967 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(248, 207, 157)` looks like.

```
.text, #text, p{  
    color:rgb(248, 207, 157)  
}
```

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(248, 207, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 207, 157) }
```

Border

The CSS property to change the border of an element to XYZ 67.1100, 67.0164, 41.2967 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(248, 207, 157) }
```


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

```
.border{ border-color:rgb(248, 207, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 207, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 207, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 207, 157);  
box-shadow:4px 4px 4px 4px rgb(248, 207,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1100, 67.0164, 41.2967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 207, 157) }
```

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

```
.background{ background-color: rgb(248,  
207, 157) }
```

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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