

Converting Colors

XYZ(67.0967, 67.4842, 51.9007)

Have a look what the booklet for
XYZ(67.0967, 67.4842, 51.9007)
contains.

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Color

**XYZ(67.2128, 67.5564,
52.1450)**

Conversions

Conversions Part 1

Format	Color
Hex	F1D1B3
RGB	241, 209, 179
RGB Percent	95%, 82%, 70%
CMY	0.0549, 0.1804, 0.2980
CMYK	0.00, 0.13, 0.26, 0.05
HSL	29°, 69%, 82%
HSV	29°, 26%, 95%
XYZ	67.2128, 67.5564, 52.1450
YIQ	215.1480, 28.7020, -2.5460

Conversions

Conversions Part 2

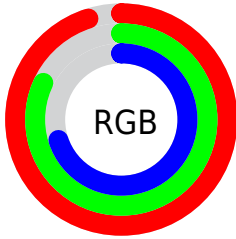
Format	Color
R_{YB}	241, 237, 179
Decimal	15847859
CIE _{Lab}	85.78, 6.73, 19.01
CIE _{LCh}	86, 20.171, 70.497
Yxy	67.5564, 0.3596, 0.3614
Android (android.graphics.Color)	4294037939 (0xFFFF1D1B3)
YUV	215.1480, -17.8210, 22.6722
Hunter-Lab	82.1927, 2.1305, 19.9199

Details

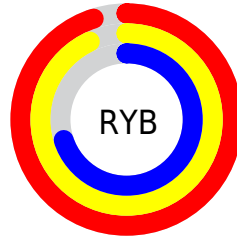
The XYZ color **67.2128, 67.5564, 52.1450** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.7613, 62.5214, 92.2429**, and the grayscale version is **64.7964, 68.1708, 74.2380**.

A 20% lighter version of the original color is **91.9954, 98.7782, 92.8147**, and **35.2544, 35.1394, 24.6631** is the 20% darker color. If you saturate the color by 10%, you get **62.0525, 60.8013, 39.4323**, and if you desaturate by 10%, it is **73.0409, 74.9646, 67.1834**.

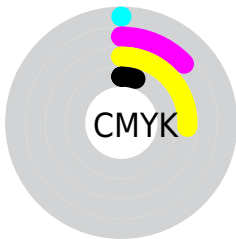
Distribution



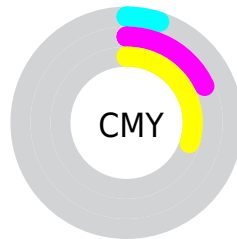
- Red (95%)
- Green (82%)
- Blue (70%)



- Red (95%)
- Yellow (93%)
- Blue (70%)



- Cyan (0%)
- Magenta (13%)
- Yellow (26%)
- Black (5%)




- Cyan (5%)
- Magenta (18%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.2128, 67.5564, 52.1450 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 67.2128, 67.5564, 52.1450 by changing the saturation by 10% instead.


 67.2128, 67.5564,
52.1450

 67.2128, 67.5564,
52.1450


440.1224,
451.9227, 411.9690

 49.5289, 49.5369,
36.7376


 114.2734,
115.7173, 94.7738

 35.2555, 35.0456,
24.7102


144.3808,
146.6275, 122.8323

 24.0272, 23.6980,
15.6442


179.3601,
182.6035, 155.9450

 15.4786, 15.1097,
9.1211

219.5767,
224.0295, 194.5303

 9.2445, 8.8964,
4.7224

265.3958,
271.2901, 239.0068

 4.9594, 4.6737,
2.0294

317.1829,

 2.2580, 2.0571,

324.7696, 289.7931

0.5733

375.3034,
384.8523, 347.3076

■ 0.7730, 0.6403,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.2128, 67.5564,
52.1450

■ 67.2128, 67.5564,
52.1450

■ 62.0525, 60.8013,
39.4323

■ 73.0409, 74.9646,
67.1834

■ 57.5271, 54.6702,
28.9227

■ 79.5573, 83.0352,
84.6534

■ 53.6086, 49.1454,
20.4883

■ 86.7881, 91.7891,
104.6593

■ 50.2645, 44.2046,
13.9863

■ 90.0858, 97.4408,
108.6677

■ 47.4584, 39.8236,
9.2556

■ 45.1488, 35.9756,
6.1083

■ 43.2854, 32.6298,
4.3126

■ 42.5943, 31.3379,
3.8039

Harmonies

Analogous

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



71.1835, 67.5564, 58.2843



67.2128, 67.5564, 52.1450



62.6103, 67.5564, 51.3297

Triad

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



67.2128, 67.5564, 52.1450



55.8897, 67.5564, 78.2759



70.1353, 67.5564, 94.5809

Complementary

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



67.2128, 67.5564, 52.1450



57.7613, 62.5214, 92.2429

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.



65.8374, 67.5564, 101.4226



67.2128, 67.5564, 52.1450



57.7081, 67.5564, 91.2896

Square

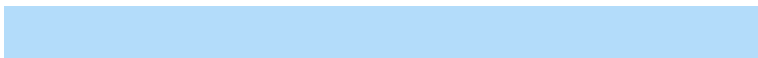
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.2128, 67.5564, 52.1450



56.2184, 67.5564, 65.4100



61.2986, 67.5564, 100.1509



72.9259, 67.5564, 82.3547

Rectangle

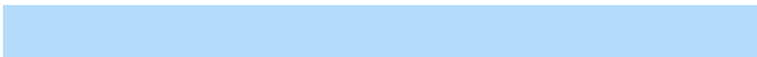
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.2128, 67.5564, 52.1450



59.8197, 67.5564, 53.7949



61.2986, 67.5564, 100.1509



68.8107, 67.5564, 97.6492

Sweetspot

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



67.2146, 67.5595, 52.1464



88.6707, 92.2212, 91.4216



64.1584, 55.6466, 69.0100



18.7349, 19.4380, 18.9088



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.



67.2146, 67.5595, 52.1464



73.1703, 72.5903, 51.2032



75.5630, 84.2564, 54.9292



16.4041, 17.0214, 16.5706



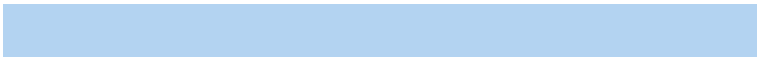
23.2317, 17.2614, 2.1073



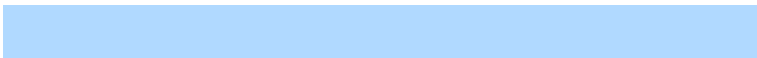
2.0319, 1.6344, 0.2084

Inverse Universe

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



57.7613, 62.5214, 92.2429



60.6900, 65.9379, 104.1363



50.7964, 48.5914, 89.9213



15.5719, 16.5780, 20.1007



12.6793, 11.5828, 46.6953



1.1544, 1.1628, 3.9178

Previews

White Background



This preview shows how the XYZ color 67.2128, 67.5564, 52.1450 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 67.2128, 67.5564, 52.1450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

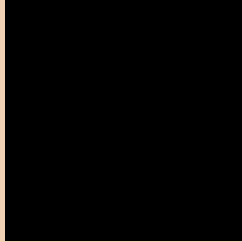
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.2128, 67.5564, 52.1450

Background



This preview shows how black text looks on a background with the XYZ color 67.2128, 67.5564, 52.1450.



This preview shows how white text looks on a background with the XYZ color 67.2128, 67.5564,

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

67.2128, 67.5564, 52.1450

Protanopia

63.8541, 67.6393, 53.9462

Deuteranopia

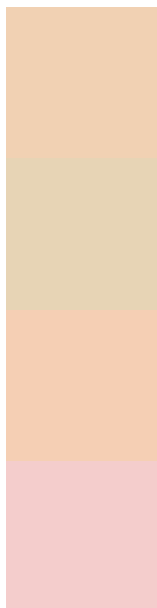
69.0209, 67.3944, 52.5506



Tritanopia

72.1482, 67.4192, 76.2284

Trichromacy



Original Color

67.2128, 67.5564, 52.1450

Protanomaly

64.8390, 67.4121, 53.3105

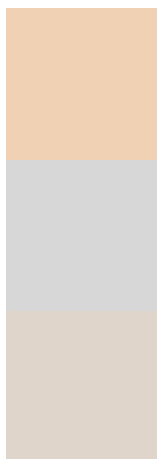
Deuteranomaly

68.2072, 67.3334, 52.5818

Tritanomaly

70.0386, 67.2554, 66.4169

Monochromacy



Original Color

67.2128, 67.5564, 52.1450

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.1954, 67.7001, 65.5084

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2128, 67.5564, 52.1450 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(241, 209, 179)` looks like.

```
.text, #text, p{  
    color:rgb(241, 209, 179)  
}
```

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(241, 209, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 209, 179) }
```

Border

The CSS property to change the border of an element to XYZ 67.2128, 67.5564, 52.1450 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(241, 209, 179) }
```


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

```
.border{ border-color:rgb(241, 209, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 209, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 209, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 209, 179);  
box-shadow:4px 4px 4px 4px rgb(241, 209,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2128, 67.5564, 52.1450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 209, 179) }
```

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

```
.background{ background-color: rgb(241,  
209, 179) }
```

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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