

Converting Colors

XYZ(67.6047, 64.9354, 53.3210)

Have a look what the booklet for
XYZ(67.6047, 64.9354, 53.3210)
contains.

XYZ(67.6879, 64.9248, 53.2202)	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(67.6879, 64.9248,
53.2202)**

Conversions

Conversions Part 1

Format	Color
Hex	F7C9B6
RGB	247, 201, 182
RGB Percent	97%, 79%, 71%
CMY	0.0314, 0.2117, 0.2863
CMYK	0.00, 0.19, 0.26, 0.03
HSL	18°, 80%, 84%
HSV	18°, 26%, 97%
XYZ	67.6879, 64.9248, 53.2202
YIQ	212.5880, 33.5150, 3.8430

Conversions

Conversions Part 2

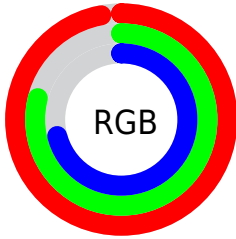
Format	Color
R _Y B	247, 209, 182
Decimal	16239030
CIE Lab	84.44, 13.55, 15.64
CIE LCh	84, 20.693, 49.082
Yxy	64.9248, 0.3642, 0.3494
Android (android.graphics.Color)	4294429110 (0xFFFF7C9B6)
YUV	212.5880, -15.0799, 30.1793
Hunter-Lab	80.5759, 8.9413, 17.2423

Details

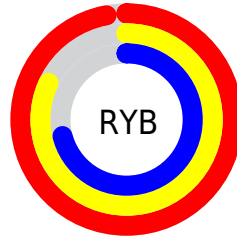
The XYZ color **67.6879, 64.9248, 53.2202** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.8226, 72.1453, 98.5576**, and the grayscale version is **63.0539, 66.3376, 72.2417**.

A 20% lighter version of the original color is **92.4326, 98.9530, 95.1170**, and **35.6314, 33.3996, 25.3377** is the 20% darker color. If you saturate the color by 10%, you get **61.5121, 56.3040, 39.6592**, and if you desaturate by 10%, it is **74.7811, 74.6590, 69.3097**.

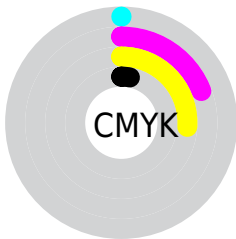
Distribution



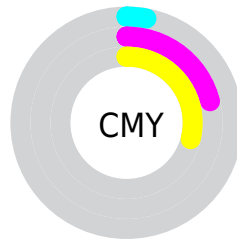
- Red (97%)
- Green (79%)
- Blue (71%)



- Red (97%)
- Yellow (82%)
- Blue (71%)



- Cyan (0%)
- Magenta (19%)
- Yellow (26%)
- Black (3%)





- Cyan (3%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.6879, 64.9248, 53.2202 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 67.6879, 64.9248, 53.2202 by changing the saturation by 10% instead.

 67.6879, 64.9248,
53.2202

 67.6879, 64.9248,
53.2202


441.7835,
442.5217, 416.2196

 49.9166, 47.4001,
37.5897


 114.9499,
111.9417, 96.3731

 35.5647, 33.3521,
25.3650


145.1714,
142.2028, 124.7326

 24.2667, 22.3963,
16.1277


180.2736,
177.4780, 158.1721

 15.6574, 14.1484,
9.4592

220.6219,
218.1519, 197.1103

 9.3714, 8.2239,
4.9410

266.5817,
264.6088, 241.9656

 5.0432, 4.2386,
2.1546

318.5183,

 2.3077, 1.8079,

317.2332, 293.1565

0.6480

376.7972,
376.4093, 351.1017

■ 0.7986, 0.4921,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 67.6879, 64.9248,
53.2202

■ 67.6879, 64.9248,
53.2202

■ 61.5121, 56.3040,
39.6592

■ 74.7811, 74.6590,
69.3097

■ 56.2093, 48.7472,
28.4928

■ 82.8232, 85.5358,
88.0439

■ 51.7392, 42.2144,
19.5811

■ 91.6725, 97.5234,
108.6000

■ 48.0559, 36.6595,
12.7676

■ 92.1679, 98.5142,
108.7651

■ 45.1084, 32.0328,
7.8757

■ 42.8391, 28.2793,
4.6990

■ 41.1792, 25.3370,
2.9815

■ 40.6894, 24.4372,
2.5723

Harmonies

Analogous

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



70.4546, 64.9248, 62.7270



67.6879, 64.9248, 53.2202



63.4002, 64.9248, 48.6150

Triad

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



67.6879, 64.9248, 53.2202



53.4223, 64.9248, 66.0001



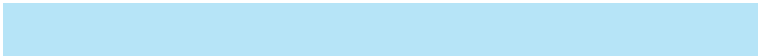
64.6472, 64.9248, 97.4468

Complementary

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



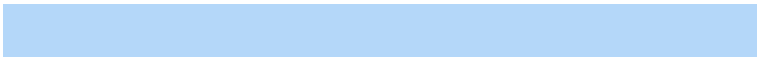
67.6879, 64.9248, 53.2202



63.8226, 72.1453, 98.5576

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.



60.0483, 64.9248, 98.6079



67.6879, 64.9248, 53.2202



53.7189, 64.9248, 79.3043

Square

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



67.6879, 64.9248, 53.2202



55.2614, 64.9248, 55.3593



56.0931, 64.9248, 91.6219



68.6397, 64.9248, 88.6229

Rectangle

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



67.6879, 64.9248, 53.2202



60.3229, 64.9248, 48.5052



56.0931, 64.9248, 91.6219



63.1163, 64.9248, 98.7841

Sweetspot

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



67.6896, 64.9278, 53.2215



87.5042, 89.8882, 91.0328



69.1710, 58.8647, 81.5409



18.4420, 18.8523, 18.8112



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.



67.6896, 64.9278, 53.2215



68.8466, 64.3426, 48.5291



75.9171, 81.3827, 55.9640



16.8939, 17.2719, 17.2410



21.6253, 13.1361, 1.3957



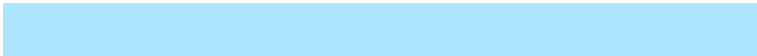
1.9857, 1.3247, 0.1510

Inverse Universe

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



63.8226, 72.1453, 98.5576



63.9878, 73.3811, 105.3992



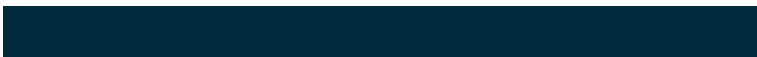
55.8394, 56.1788, 95.8965



16.5636, 17.8915, 21.1230



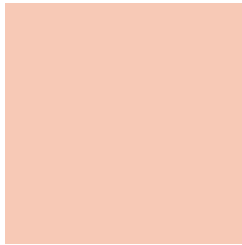
17.0927, 19.9791, 49.4935



1.5908, 1.9330, 4.3795

Previews

White Background



This preview shows how the XYZ color 67.6879, 64.9248, 53.2202 looks on a white background.

Color Contrast Check

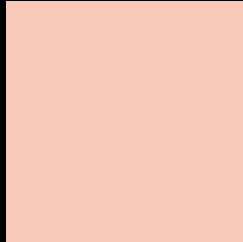
Large Text (above 18pt) WCAG AA × Fail

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 67.6879, 64.9248, 53.2202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

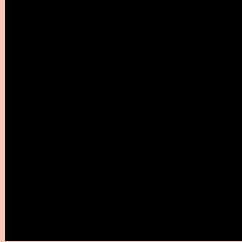
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.6879, 64.9248, 53.2202

Background



This preview shows how black text looks on a background with the XYZ color 67.6879, 64.9248, 53.2202.



This preview shows how white text looks on a background with the XYZ color 67.6879, 64.9248,

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

67.6879, 64.9248, 53.2202

Protanopia

61.5314, 64.8967, 56.2970

Deuteranopia

66.4174, 64.9665, 53.2952



Tritanopia

71.2743, 65.0100, 71.0790

Trichromacy



Original Color

67.6879, 64.9248, 53.2202

Protanomaly

63.7029, 64.9514, 55.0783

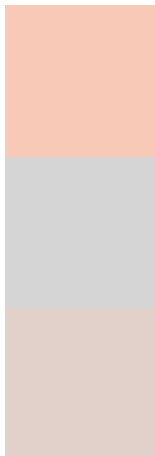
Deuteranomaly

66.8723, 64.8516, 53.2490

Tritanomaly

69.8036, 64.7450, 64.0763

Monochromacy



Original Color

67.6879, 64.9248, 53.2202

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

64.5125, 65.8727, 65.1917

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6879, 64.9248, 53.2202 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(247, 201, 182)` looks like.

```
.text, #text, p{  
    color:rgb(247, 201, 182)  
}
```

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(247, 201, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 201, 182) }
```

Border

The CSS property to change the border of an element to XYZ 67.6879, 64.9248, 53.2202 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(247, 201, 182) }
```


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

```
.border{ border-color:rgb(247, 201, 182) }
```

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

Here you see how a box with a 4 pixel rgb(247, 201, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 201, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 201, 182);  
box-shadow:4px 4px 4px 4px rgb(247, 201,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6879, 64.9248, 53.2202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 201, 182) }
```

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

```
.background{ background-color: rgb(247,  
201, 182) }
```

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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