

Converting Colors

XYZ(72.6688, 64.9591, 43.4392)

Have a look what the booklet for
XYZ(72.6688, 64.9591, 43.4392)
contains.

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Color

**XYZ(66.9208, 62.0443,
43.0990)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC1A3
RGB	255, 193, 163
RGB Percent	100%, 76%, 64%
CMY	0.0000, 0.2431, 0.3608
CMYK	0.00, 0.24, 0.36, 0.00
HSL	20°, 100%, 82%
HSV	20°, 36%, 100%
XYZ	66.9208, 62.0443, 43.0990
YIQ	208.1180, 46.5820, 3.8140

Conversions

Conversions Part 2

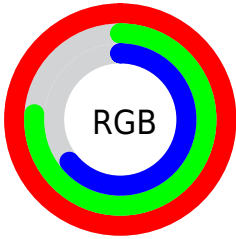
Format	Color
R_{YB}	255, 208, 163
Decimal	16761251
CIE _{Lab}	82.94, 18.36, 23.73
CIE _{LCh}	83, 30.007, 52.274
Yxy	62.0443, 0.3889, 0.3606
Android (android.graphics.Color)	4294951331 (0xFFFFC1A3)
YUV	208.1180, -22.2432, 41.1155
Hunter-Lab	78.7682, 13.8077, 22.6965

Details

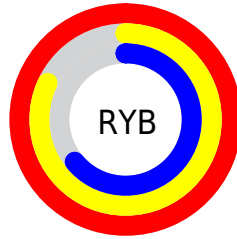
The XYZ color **66.9208, 62.0443, 43.0990** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.0784, 68.8544, 104.7314**, and the grayscale version is **60.1507, 63.2832, 68.9154**.

A 20% lighter version of the original color is **88.0805, 94.6932, 79.9649**, and **35.1278, 31.4833, 19.2644** is the 20% darker color. If you saturate the color by 10%, you get **61.2821, 54.0620, 31.0611**, and if you desaturate by 10%, it is **73.4647, 71.0995, 57.7126**.

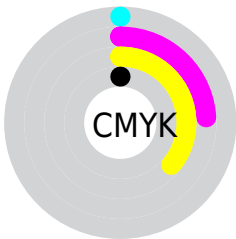
Distribution



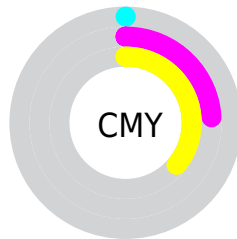
- Red (100%)
- Green (76%)
- Blue (64%)



- Red (100%)
- Yellow (82%)
- Blue (64%)



- Cyan (0%)
- Magenta (24%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.9208, 62.0443, 43.0990 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 66.9208, 62.0443, 43.0990 by changing the saturation by 10% instead.


 66.9208, 62.0443,
43.0990


 66.9208, 62.0443,
43.0990


439.0997,
432.0927, 374.9519

 49.2907, 45.0685,
29.6308


 113.8573,
107.7896, 81.1482

 35.0656, 31.5114,
19.3089


 143.8945,
137.3278, 106.5663

 23.8802, 20.9886,
11.7146


178.7981,
171.8223, 136.8048

 15.3690, 13.1156,
6.4295

218.9335,
211.6575, 172.2822

 9.1668, 7.5082,
3.0350

264.6660,
257.2177, 213.4171

 4.9081, 3.7819,
1.1125

316.3609,

 2.2276, 1.5523,

308.8874, 260.6280

0.0000

374.3837,
367.0509, 314.3334

0.7573, 0.3251,
0.0000

0.0000, 0.0000,
0.0000

66.9208, 62.0443,
43.0990

66.9208, 62.0443,
43.0990

61.2821, 54.0620,
31.0611

73.4647, 71.0995,
57.7126

56.5010, 47.1026,
21.4435

80.9490, 81.2576,
75.0373

52.5324, 41.1248,
14.0796

89.4125, 92.5584,
95.2035

49.3243, 36.0809,
8.7798

95.0500, 100.0000,
108.9000

■ 46.8180, 31.9186,
5.3228

■ 44.9431, 28.5786,
3.4347

■ 44.3460, 27.4722,
2.9654

Harmonies

Analogous

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



71.2570, 62.0443, 54.9236



66.9208, 62.0443, 43.0990



60.6606, 62.0443, 38.0285

Triad

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



66.9208, 62.0443, 43.0990



47.4760, 62.0443, 62.8755



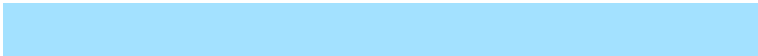
63.8166, 62.0443, 106.2082

Complementary

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



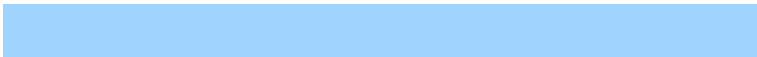
66.9208, 62.0443, 43.0990



60.0784, 68.8544, 104.7314

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.



57.3136, 62.0443, 109.3989



66.9208, 62.0443, 43.0990



48.1856, 62.0443, 81.9899

Square

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



66.9208, 62.0443, 43.0990



49.6631, 62.0443, 48.0052



51.6776, 62.0443, 99.8591



69.3753, 62.0443, 91.8022

Rectangle

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



66.9208, 62.0443, 43.0990



56.3642, 62.0443, 38.3645



51.6776, 62.0443, 99.8591



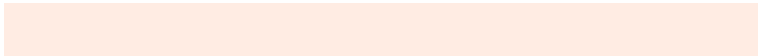
61.6574, 62.0443, 108.7227

Sweetspot

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



66.9224, 62.0472, 43.1002



85.1220, 86.8509, 84.9144



68.0467, 52.9387, 78.4877



17.9758, 18.2638, 17.5951



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.



66.9224, 62.0472, 43.1002



62.9245, 56.4085, 34.5012



78.4644, 85.1312, 46.9476



18.4931, 18.9544, 18.8282



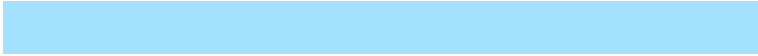
23.2919, 14.5951, 1.5895



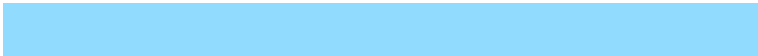
2.3625, 1.6103, 0.1863

Inverse Universe

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



60.0784, 68.8544, 104.7314



55.1825, 64.0589, 104.0639



49.4492, 47.5959, 101.1883



18.0263, 19.4241, 23.0491



17.2652, 19.4400, 52.2769



1.7807, 2.0920, 5.1232

Previews

White Background



This preview shows how the XYZ color 66.9208, 62.0443, 43.0990 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 66.9208, 62.0443, 43.0990 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 66.9208, 62.0443, 43.0990

Background



This preview shows how black text looks on a background with the XYZ color 66.9208, 62.0443, 43.0990.



This preview shows how white text looks on a background with the XYZ color 66.9208, 62.0443,

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

66.9208, 62.0443, 43.0990

Protanopia

58.4462, 62.0673, 46.4359

Deuteranopia

63.5630, 62.3327, 42.8637



Tritanopia

70.0983, 61.9195, 64.1342

Trichromacy



Original Color

66.9208, 62.0443, 43.0990

Protanomaly

61.1404, 61.7191, 45.2498

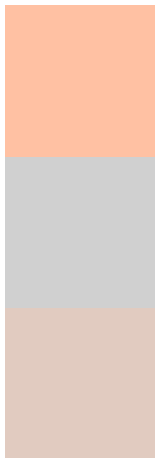
Deuteranomaly

64.8456, 62.3153, 42.7927

Tritanomaly

68.7306, 61.7178, 55.8672

Monochromacy



Original Color

66.9208, 62.0443, 43.0990

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.9217, 62.5252, 58.6741

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9208, 62.0443, 43.0990 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(255, 193, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 193, 163)  
}
```

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(255, 193, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 193, 163) }
```

Border

The CSS property to change the border of an element to XYZ 66.9208, 62.0443, 43.0990 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(255, 193, 163) }
```


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

```
.border{ border-color:rgb(255, 193, 163) }
```

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

Here you see how a box with a 4 pixel rgb(255, 193, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 193, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 193, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 193,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9208, 62.0443, 43.0990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 193, 163) }
```

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

```
.background{ background-color: rgb(255,  
193, 163) }
```

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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