

Converting Colors

XYZ(73.1087, 64.4963, 44.4772)

Have a look what the booklet for
XYZ(73.1087, 64.4963, 44.4772)
contains.

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Color

**XYZ(66.7537, 61.2748,
44.3853)**

Conversions

Conversions Part 1

Format	Color
Hex	FFBFA6
RGB	255, 191, 166
RGB Percent	100%, 75%, 65%
CMY	0.0000, 0.2510, 0.3490
CMYK	0.00, 0.25, 0.35, 0.00
HSL	17°, 100%, 83%
HSV	17°, 35%, 100%
XYZ	66.7537, 61.2748, 44.3853
YIQ	207.2860, 46.1690, 5.7930

Conversions

Conversions Part 2

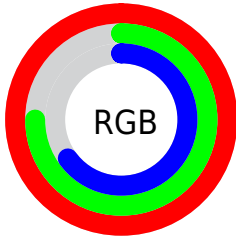
Format	Color
R_{YB}	255, 201, 166
Decimal	16760742
CIE _{Lab}	82.53, 19.76, 21.58
CIE _{LCh}	83, 29.260, 47.519
Yxy	61.2748, 0.3872, 0.3554
Android (android.graphics.Color)	4294950822 (0xFFFFBFA6)
YUV	207.2860, -20.3540, 41.8452
Hunter-Lab	78.2782, 15.2334, 21.1762

Details

The XYZ color **66.7537, 61.2748, 44.3853** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.0716, 71.9179, 105.2177**, and the grayscale version is **59.6003, 62.7041, 68.2848**.

A 20% lighter version of the original color is **87.8585, 93.6153, 81.8455**, and **35.0089, 30.9765, 20.0535** is the 20% darker color. If you saturate the color by 10%, you get **60.8912, 52.9294, 32.0124**, and if you desaturate by 10%, it is **73.5837, 70.8127, 59.3700**.

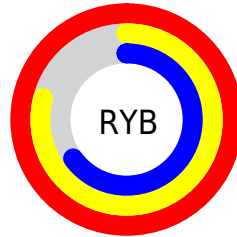
Distribution



Red (100%)

Green (75%)

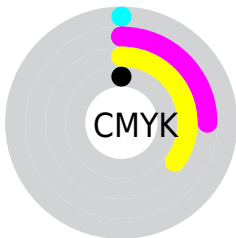
Blue (65%)



Red (100%)

Yellow (79%)

Blue (65%)

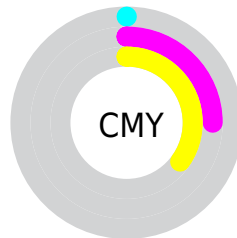


Cyan (0%)

Magenta (25%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.7537, 61.2748, 44.3853 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 66.7537, 61.2748, 44.3853 by changing the saturation by 10% instead.


 66.7537, 61.2748,
44.3853


 66.7537, 61.2748,
44.3853


438.5138,
429.2809, 380.3655

 49.1545, 44.4470,
30.6341


 113.6192,
106.6767, 83.1059

 34.9571, 31.0221,
20.0643


 143.6161,
136.0196, 108.9123

 23.7962, 20.6156,
12.2572


178.4763,
170.3030, 139.5743

 15.3064, 12.8433,
6.7945

218.5651,
209.9112, 175.5103

 9.1224, 7.3208,
3.2574

264.2479,
255.2288, 217.1389

 4.8789, 3.6635,
1.2275

315.8901,

 2.2104, 1.4872,

306.6399, 264.8786

0.0013

373.8569,
364.5292, 319.1480

■ 0.7482, 0.2797,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.7537, 61.2748,
44.3853

■ 66.7537, 61.2748,
44.3853

■ 60.8912, 52.9294,
32.0124

■ 73.5837, 70.8127,
59.3700

■ 55.9456, 45.7200,
22.0963

■ 81.4193, 81.5794,
77.1018

■ 51.8685, 39.5981,
14.4714

■ 90.3022, 93.6205,
97.7110

■ 48.6044, 34.5082,
8.9497

95.0500, 100.0000,
108.9000

■ 46.0911, 30.3894,
5.3129

■ 44.2546, 27.1730,
3.2933

■ 43.5344, 25.8490,
2.6948

Harmonies

Analogous

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



70.4901, 61.2748, 56.8688



66.7537, 61.2748, 44.3853



60.8804, 61.2748, 38.4007

Triad

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



66.7537, 61.2748, 44.3853



47.2594, 61.2748, 59.5410



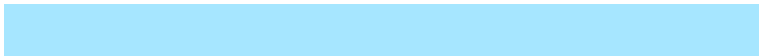
61.9392, 61.2748, 105.2900

Complementary

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



66.7537, 61.2748, 44.3853



62.0716, 71.9179, 105.2177

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.



55.6768, 61.2748, 106.3567



66.7537, 61.2748, 44.3853



47.4981, 61.2748, 77.6430

Square

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



66.7537, 61.2748, 44.3853



49.8054, 61.2748, 46.0383



50.4826, 61.2748, 95.5100



67.5765, 61.2748, 92.8141

Rectangle

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



66.7537, 61.2748, 44.3853



56.6788, 61.2748, 38.0432



50.4826, 61.2748, 95.5100



59.8293, 61.2748, 107.0656

Sweetspot

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



66.7553, 61.2777, 44.3865



85.6399, 87.3194, 86.8359



69.3380, 54.3176, 82.6290



18.0659, 18.3309, 17.9737



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.



66.7553, 61.2777, 44.3865



62.4960, 55.2321, 35.3425



77.6124, 82.9920, 48.0056



18.4248, 18.8178, 18.8054



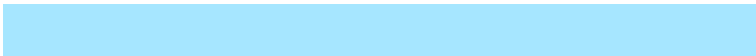
22.8556, 13.7224, 1.4441



2.3130, 1.5114, 0.1698

Inverse Universe

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



62.0716, 71.9179, 105.2177



57.1453, 67.3078, 104.5876



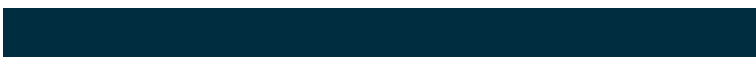
51.4973, 50.7694, 101.6929



18.0982, 19.5680, 23.0731



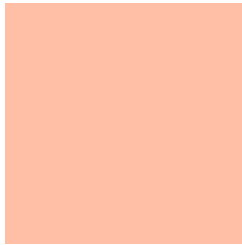
18.4507, 21.8110, 52.6721



1.8890, 2.3087, 5.1593

Previews

White Background



This preview shows how the XYZ color 66.7537, 61.2748, 44.3853 looks on a white background.

Color Contrast Check

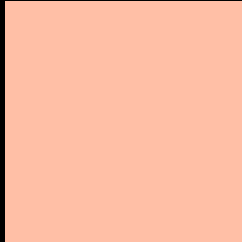
Large Text (above 18pt) WCAG AA × Fail

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 66.7537, 61.2748, 44.3853 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 66.7537, 61.2748, 44.3853

Background



This preview shows how black text looks on a background with the XYZ color 66.7537, 61.2748, 44.3853.



This preview shows how white text looks on a background with the XYZ color 66.7537, 61.2748,

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

66.7537, 61.2748, 44.3853

Protanopia

57.9894, 61.4315, 48.3363

Deuteranopia

62.9208, 61.6300, 44.1768



Tritanopia

69.7658, 61.4435, 63.4411

Trichromacy



Original Color

66.7537, 61.2748, 44.3853

Protanomaly

60.8650, 61.1998, 46.6350

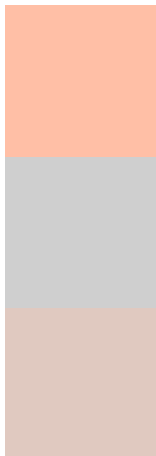
Deuteranomaly

63.9628, 61.1593, 44.0310

Tritanomaly

68.5147, 61.2860, 55.7952

Monochromacy



Original Color

66.7537, 61.2748, 44.3853

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.1415, 61.4264, 58.5031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7537, 61.2748, 44.3853 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, 191, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 166)  
}
```

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, 191, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 166) }
```

Border

The CSS property to change the border of an element to XYZ 66.7537, 61.2748, 44.3853 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, 191, 166) }
```


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

```
.border{ border-color:rgb(255, 191, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7537, 61.2748, 44.3853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 166) }
```

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

```
.background{ background-color: rgb(255,  
191, 166) }
```

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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