

Converting Colors

XYZ(66.5286, 63.8976, 42.9286)

Have a look what the booklet for
XYZ(66.5286, 63.8976, 42.9286)
contains.

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Color

**XYZ(66.3694, 63.7795,
42.9950)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC7A2
RGB	250, 199, 162
RGB Percent	98%, 78%, 64%
CMY	0.0196, 0.2196, 0.3647
CMYK	0.00, 0.20, 0.35, 0.02
HSL	25°, 90%, 81%
HSV	25°, 35%, 98%
XYZ	66.3694, 63.7795, 42.9950
YIQ	210.0310, 42.2730, -0.6950

Conversions

Conversions Part 2

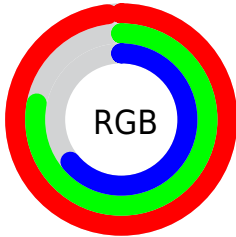
Format	Color
R _Y B	250, 226, 162
Decimal	16435106
CIE Lab	83.85, 13.20, 25.43
CIE LCh	84, 28.648, 62.571
Yxy	63.7795, 0.3833, 0.3684
Android (android.graphics.Color)	4294625186 (0xFFFA7A2)
YUV	210.0310, -23.6793, 35.0528
Hunter-Lab	79.8621, 8.5839, 23.9837

Details

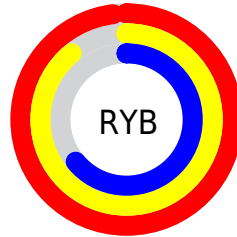
The XYZ color **66.3694, 63.7795, 42.9950** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.9491, 62.1699, 99.4938**, and the grayscale version is **61.4115, 64.6096, 70.3599**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **34.6781, 32.5831, 19.2133** is the 20% darker color. If you saturate the color by 10%, you get **61.1884, 56.6273, 31.3727**, and if you desaturate by 10%, it is **72.3128, 71.7491, 57.0523**.

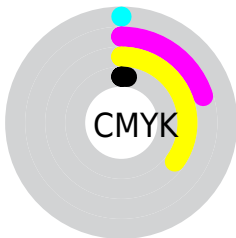
Distribution



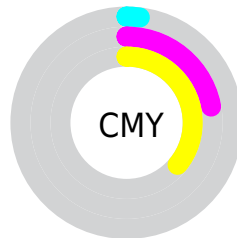
- Red (98%)
- Green (78%)
- Blue (64%)



- Red (98%)
- Yellow (89%)
- Blue (64%)



- Cyan (0%)
- Magenta (20%)
- Yellow (35%)
- Black (2%)





- Cyan (2%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 66.3694, 63.7795, 42.9950 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 66.3694, 63.7795, 42.9950 by changing the saturation by 10% instead.

 66.3694, 63.7795,
42.9950


 66.3694, 63.7795,
42.9950


437.1647,
438.3929, 374.5118

 48.8411, 46.4721,
29.5498


 113.0712,
110.2933, 80.9896

 34.7075, 32.6185,
19.2480


 142.9754,
140.2685, 106.3761

 23.6031, 21.8344,
11.6710


177.7356,
175.2351, 136.5801

 15.1626, 13.7353,
6.4003

217.7172,
215.5775, 172.0202

 9.0206, 7.9368,
3.0173

263.2856,
261.6801, 213.1148

 4.8119, 4.0545,
1.1035

314.8060,

 2.1709, 1.7041,

313.9273, 260.2826

0.0000

372.6439,
372.7034, 313.9421

■ 0.7273, 0.4263,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 66.3694, 63.7795,
42.9950

■ 66.3694, 63.7795,
42.9950

■ 61.1884, 56.6273,
31.3727

■ 72.3128, 71.7491,
57.0523

■ 56.7299, 50.2554,
22.0400

■ 79.0464, 80.5537,
73.6707

■ 52.9570, 44.6367,
14.8418

■ 86.6023, 90.2216,
92.9721

■ 49.8274, 39.7387,
9.6018

■ 93.2344, 99.0640,
108.8150

■ 47.2924, 35.5257,
6.1149

■ 45.2942, 31.9574,
4.1290

■ 44.4891, 30.4535,
3.5333

Harmonies

Analogous

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



71.4047, 63.7795, 52.4033



66.3694, 63.7795, 42.9950



60.0790, 63.7795, 40.2499

Triad

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



66.3694, 63.7795, 42.9950



49.3138, 63.7795, 71.0121



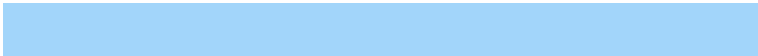
67.3737, 63.7795, 102.9494

Complementary

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



66.3694, 63.7795, 42.9950



55.9491, 62.1699, 99.4938

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.



61.1652, 63.7795, 110.1550



66.3694, 63.7795, 42.9950



50.9807, 63.7795, 89.8307

Square

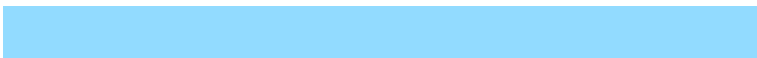
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.3694, 63.7795, 42.9950



50.4984, 63.7795, 54.6682



55.2136, 63.7795, 104.9849



72.0122, 63.7795, 86.6702

Rectangle

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



66.3694, 63.7795, 42.9950



56.0918, 63.7795, 42.0993



55.2136, 63.7795, 104.9849



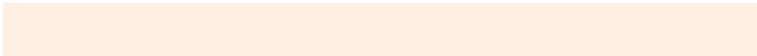
65.3866, 63.7795, 106.6290

Sweetspot

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



66.3710, 63.7825, 42.9963



85.8903, 88.3873, 85.1704



64.3977, 50.9863, 69.6206



18.1582, 18.6287, 17.6559



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

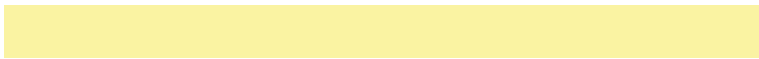
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.3710, 63.7825, 42.9963



65.6335, 61.5071, 36.3883



77.8972, 86.8348, 46.8383



17.8444, 18.4247, 18.0782



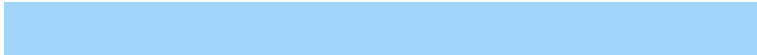
23.7333, 16.4233, 1.9191



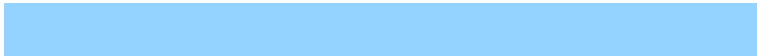
2.3004, 1.7256, 0.2118

Inverse Universe

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



55.9491, 62.1699, 99.4938



53.2821, 59.5814, 103.2998



46.4063, 43.0844, 96.3129



17.1185, 18.3139, 22.0180



14.6587, 14.6730, 50.0331



1.4625, 1.5687, 4.6689

Previews

White Background



This preview shows how the XYZ color 66.3694, 63.7795, 42.9950 looks on a white background.

Color Contrast Check

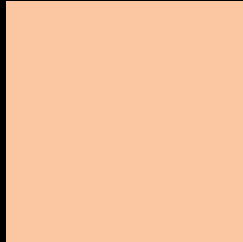
Large Text (above 18pt) WCAG AA × Fail

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 66.3694, 63.7795, 42.9950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

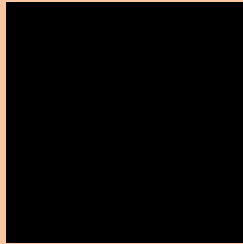
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.3694, 63.7795, 42.9950

Background



This preview shows how black text looks on a background with the XYZ color 66.3694, 63.7795, 42.9950.



This preview shows how white text looks on a background with the XYZ color 66.3694, 63.7795,

42.9950.

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

66.3694, 63.7795, 42.9950

Protanopia

59.8997, 63.9205, 45.7401

Deuteranopia

65.0644, 63.7944, 43.0667



Tritanopia

71.6951, 63.9540, 68.2401

Trichromacy



Original Color

66.3694, 63.7795, 42.9950

Protanomaly

61.9016, 63.5351, 44.5982

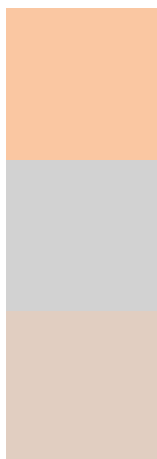
Deuteranomaly

65.5336, 63.6913, 43.0221

Tritanomaly

69.4271, 63.6744, 57.9214

Monochromacy



Original Color

66.3694, 63.7795, 42.9950

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

62.7483, 64.0004, 59.4982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3694, 63.7795, 42.9950 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(250, 199, 162)` looks like.

```
.text, #text, p{  
    color:rgb(250, 199, 162)  
}
```

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(250, 199, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 199, 162) }
```

Border

The CSS property to change the border of an element to XYZ 66.3694, 63.7795, 42.9950 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(250, 199, 162) }
```


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

```
.border{ border-color:rgb(250, 199, 162) }
```

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

Here you see how a box with a 4 pixel rgb(250, 199, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 199, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 199, 162);  
box-shadow:4px 4px 4px 4px rgb(250, 199,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3694, 63.7795, 42.9950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 199, 162) }
```

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

```
.background{ background-color: rgb(250,  
199, 162) }
```

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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