

Converting Colors

XYZ(73.9690, 69.2818, 42.5704)

Have a look what the booklet for
XYZ(73.9690, 69.2818, 42.5704)
contains.

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Color

**XYZ(69.1780, 66.9838,
42.5408)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCCA0
RGB	255, 204, 160
RGB Percent	100%, 80%, 63%
CMY	0.0000, 0.2000, 0.3725
CMYK	0.00, 0.20, 0.37, 0.00
HSL	28°, 100%, 81%
HSV	28°, 37%, 100%
XYZ	69.1780, 66.9838, 42.5408
YIQ	214.2330, 44.5200, -2.8720

Conversions

Conversions Part 2

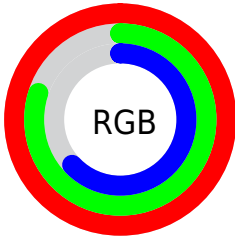
Format	Color
RYB	255, 242, 160
Decimal	16764064
CIELab	85.50, 12.28, 28.78
CIELCh	85, 31.291, 66.899
Yxy	66.9838, 0.3871, 0.3748
Android (android.graphics.Color)	4294954144 (0xFFFFCCA0)
YUV	214.2330, -26.7369, 35.7527
Hunter-Lab	81.8436, 7.6501, 26.4727

Details

The XYZ color **69.1780, 66.9838, 42.5408** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.8406, 61.2799, 103.4927**, and the grayscale version is **64.2283, 67.5732, 73.5872**.

A 20% lighter version of the original color is **89.2657, 97.6863, 78.4405**, and **36.6391, 34.7657, 18.9667** is the 20% darker color. If you saturate the color by 10%, you get **64.0607, 59.9603, 30.9353**, and if you desaturate by 10%, it is **75.0422, 74.7685, 56.6538**.

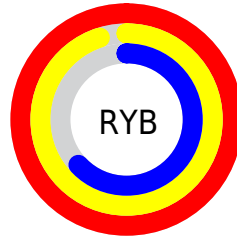
Distribution



Red (100%)

Green (80%)

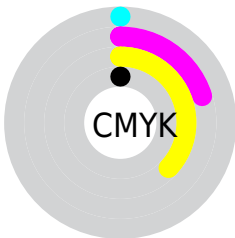
Blue (63%)



Red (100%)

Yellow (95%)

Blue (63%)

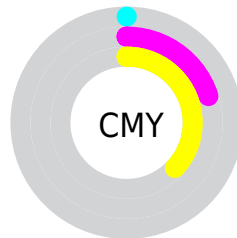


Cyan (0%)

Magenta (20%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.1780, 66.9838, 42.5408 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 69.1780, 66.9838, 42.5408 by changing the saturation by 10% instead.


 69.1780, 66.9838,
42.5408


 69.1780, 66.9838,
42.5408


446.9701,
449.8871, 372.5855

 51.1339, 49.0715,
29.1963


 117.0685,
114.8972, 80.2964

 36.5366, 34.6762,
18.9825


 147.6455,
145.6670, 105.5445

 25.0209, 23.4135,
11.4809


183.1308,
181.4915, 135.5975

 16.2215, 14.8992,
6.2731

223.8899,
222.7550, 170.8740

 9.7729, 8.7486,
2.9404

270.2880,
269.8419, 211.7925

 5.3097, 4.5776,
1.0643

322.6905,

 2.4667, 2.0016,

323.1367, 258.7715

0.0000

381.4627,
383.0236, 312.2297

■ 0.8785, 0.6084,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.1780, 66.9838,
42.5408

■ 69.1780, 66.9838,
42.5408

■ 64.0607, 59.9603,
30.9353

■ 75.0422, 74.7685,
56.6538

■ 59.6497, 53.6627,
21.6826

■ 81.6811, 83.3294,
73.4083

■ 55.9078, 48.0663,
14.6166

■ 89.1270, 92.6927,
92.9336

■ 52.7915, 43.1411,
9.5479

95.0500, 100.0000,
108.9000

■ 50.2508, 38.8535,
6.2535

■ 48.2230, 35.1646,
4.4469

■ 47.7326, 34.2452,
4.0942

Harmonies

Analogous

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



75.2278, 66.9838, 51.8748



69.1780, 66.9838, 42.5408



62.0392, 66.9838, 40.5794

Triad

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



69.1780, 66.9838, 42.5408



51.0439, 66.9838, 77.7353



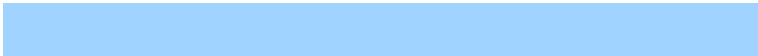
72.2257, 66.9838, 108.9095

Complementary

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



69.1780, 66.9838, 42.5408



55.8406, 61.2799, 103.4927

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.



65.3212, 66.9838, 119.0790



69.1780, 66.9838, 42.5408



53.3542, 66.9838, 99.0372

Square

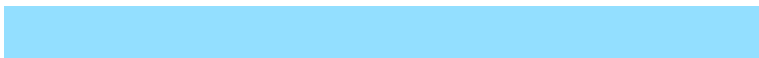
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.1780, 66.9838, 42.5408



51.9088, 66.9838, 58.6349



58.4550, 66.9838, 115.1654



77.0768, 66.9838, 89.3870

Rectangle

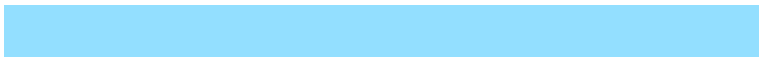
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.1780, 66.9838, 42.5408



57.6833, 66.9838, 43.3104



58.4550, 66.9838, 115.1654



70.0489, 66.9838, 113.6859

Sweetspot

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



69.1797, 66.9870, 42.5422



86.2416, 89.0901, 85.2875



65.7264, 51.1684, 68.8656



18.2418, 18.7959, 17.6838



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.



69.1797, 66.9870, 42.5422



65.1515, 61.4797, 33.3406



81.8486, 92.3248, 46.7651



18.7028, 19.3739, 18.8981



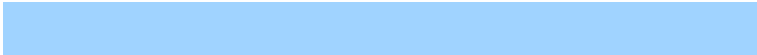
25.0872, 18.1856, 2.1879



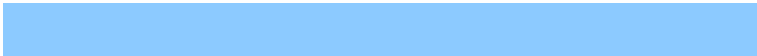
2.5506, 1.9866, 0.2490

Inverse Universe

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



55.8406, 61.2799, 103.4927



49.9918, 54.9859, 102.5862



45.9579, 41.5146, 100.1985



17.8106, 18.9929, 22.9772



14.2480, 13.4055, 51.2712



1.4966, 1.5240, 5.0286

Previews

White Background



This preview shows how the XYZ color 69.1780, 66.9838, 42.5408 looks on a white background.

Color Contrast Check

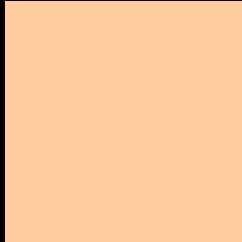
Large Text (above 18pt) WCAG AA × Fail

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 69.1780, 66.9838, 42.5408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

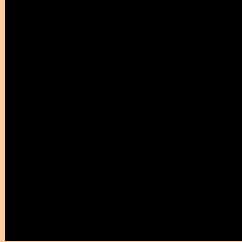
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.1780, 66.9838, 42.5408

Background



This preview shows how black text looks on a background with the XYZ color 69.1780, 66.9838, 42.5408.



This preview shows how white text looks on a background with the XYZ color 69.1780, 66.9838,

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

69.1780, 66.9838, 42.5408

Protanopia

62.7423, 67.2675, 44.7990

Deuteranopia

68.3214, 66.8962, 42.5690



Tritanopia

73.5471, 66.8603, 71.3163

Trichromacy



Original Color

69.1780, 66.9838, 42.5408

Protanomaly

64.9173, 66.9147, 44.1446

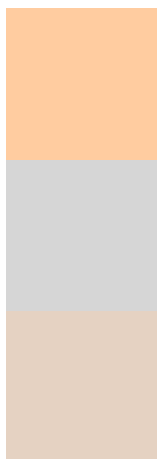
Deuteranomaly

68.6845, 67.0834, 42.5860

Tritanomaly

71.7523, 66.8835, 59.5801

Monochromacy



Original Color

69.1780, 66.9838, 42.5408

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.0973, 66.6462, 60.4720

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1780, 66.9838, 42.5408 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, 204, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 160)  
}
```

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, 204, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 160) }
```

Border

The CSS property to change the border of an element to XYZ 69.1780, 66.9838, 42.5408 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, 204, 160) }
```


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

```
.border{ border-color:rgb(255, 204, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1780, 66.9838, 42.5408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 160) }
```

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

```
.background{ background-color: rgb(255,  
204, 160) }
```

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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