

Converting Colors

XYZ(69.5860, 65.9966, 47.4663)

Have a look what the booklet for
XYZ(69.5860, 65.9966, 47.4663)
contains.

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Color

**XYZ(69.4773, 65.9736,
47.6004)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC9AB
RGB	255, 201, 171
RGB Percent	100%, 79%, 67%
CMY	0.0000, 0.2117, 0.3294
CMYK	0.00, 0.21, 0.33, 0.00
HSL	21°, 100%, 84%
HSV	21°, 33%, 100%
XYZ	69.4773, 65.9736, 47.6004
YIQ	213.7260, 41.8140, 2.1180

Conversions

Conversions Part 2

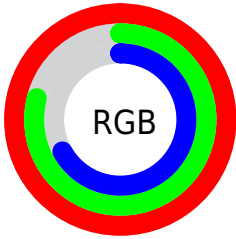
Format	Color
R_{YB}	255, 218, 171
Decimal	16763307
CIE _{Lab}	84.98, 15.14, 22.32
CIE _{LCh}	85, 26.966, 55.855
Yxy	65.9736, 0.3796, 0.3604
Android (android.graphics.Color)	4294953387 (0xFFFFC9AB)
YUV	213.7260, -21.0639, 36.1973
Hunter-Lab	81.2241, 10.5427, 22.1107

Details

The XYZ color **69.4773, 65.9736, 47.6004** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.7688, 69.7258, 104.8106**, and the grayscale version is **63.8512, 67.1764, 73.1551**.

A 20% lighter version of the original color is **90.7275, 98.2710, 86.1379**, and **36.7894, 34.0697, 22.0899** is the 20% darker color. If you saturate the color by 10%, you get **63.6582, 57.8571, 34.8037**, and if you desaturate by 10%, it is **76.1765, 75.0994, 63.0051**.

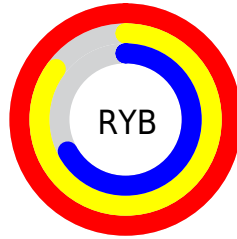
Distribution



Red (100%)

Green (79%)

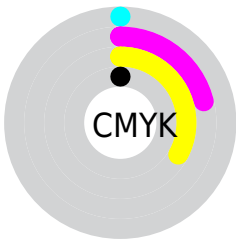
Blue (67%)



Red (100%)

Yellow (85%)

Blue (67%)

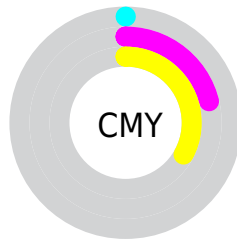


Cyan (0%)

Magenta (21%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (21%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.4773, 65.9736, 47.6004 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 69.4773, 65.9736, 47.6004 by changing the saturation by 10% instead.


 69.4773, 65.9736,
47.6004

 69.4773, 65.9736,
47.6004


448.0077,
446.2825, 393.6689

 51.3786, 48.2510,
33.1528


 117.4934,
113.4484, 87.9685

 36.7322, 34.0257,
21.9715


148.1415,
143.9694, 114.7261

 25.1730, 22.9133,
13.6378


183.7034,
179.5254, 146.4240

 16.3354, 14.5295,
7.7333

224.5444,
220.5006, 183.4810

 9.8541, 8.4899,
3.8395

271.0300,
267.2795, 226.3154

 5.3639, 4.4100,
1.5377

323.5256,

 2.4992, 1.9054,

320.2465, 275.3458

0.2458

382.3963,
379.7861, 330.9908

■ 0.8949, 0.5516,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.4773, 65.9736,
47.6004

■ 69.4773, 65.9736,
47.6004

■ 63.6582, 57.8571,
34.8037

■ 76.1765, 75.0994,
63.0051

■ 58.6743, 50.7042,
24.4643

■ 83.7878, 85.2595,
81.1490

■ 54.4841, 44.4795,
16.4219

■ 92.3476, 96.4896,
102.1592

■ 51.0400, 39.1412,
10.4954

95.0500, 100.0000,
108.9000

■ 48.2882, 34.6438,
6.4759

■ 46.1656, 30.9366,
4.1105

■ 44.9886, 28.7573,
3.1795

Harmonies

Analogous

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



73.7890, 65.9736, 58.2396



69.4773, 65.9736, 47.6004



63.5520, 65.9736, 43.4224

Triad

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



69.4773, 65.9736, 47.6004



51.7857, 65.9736, 69.4486



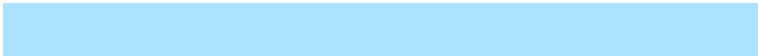
67.9268, 65.9736, 106.2501

Complementary

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



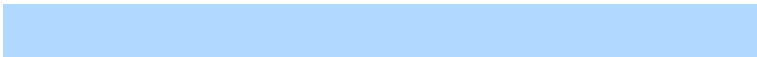
69.4773, 65.9736, 47.6004



61.7688, 69.7258, 104.8106

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.



61.8674, 65.9736, 110.5302



69.4773, 65.9736, 47.6004



52.7922, 65.9736, 87.3947

Square

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



69.4773, 65.9736, 47.6004



53.5468, 65.9736, 54.6816



56.3895, 65.9736, 103.1491



72.8541, 65.9736, 92.2435

Rectangle

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



69.4773, 65.9736, 47.6004



59.5755, 65.9736, 44.2733



56.3895, 65.9736, 103.1491



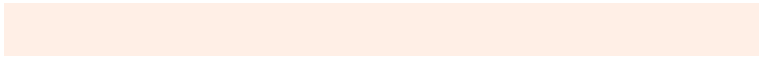
65.9441, 65.9736, 108.9617

Sweetspot

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



69.4790, 65.9767, 47.6017



86.2049, 88.4493, 87.0242



69.4759, 55.8555, 78.7839



18.2019, 18.6030, 18.0191



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

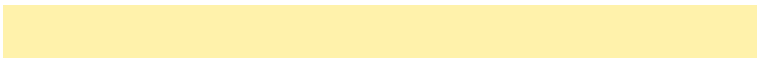
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.4790, 65.9767, 47.6017



65.2811, 60.1427, 38.3050



80.4622, 87.9431, 51.2628



18.5403, 19.0488, 18.8439



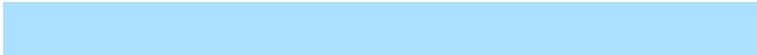
23.6351, 15.2814, 1.7039



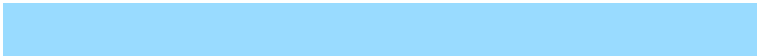
2.4000, 1.6854, 0.1988

Inverse Universe

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



61.7688, 69.7258, 104.8106



56.4050, 64.4285, 104.0708



51.9027, 49.9937, 101.5219



17.9771, 19.3257, 23.0327



16.5063, 17.9221, 52.0239



1.7105, 1.9517, 5.0998

Previews

White Background



This preview shows how the XYZ color 69.4773, 65.9736, 47.6004 looks on a white background.

Color Contrast Check

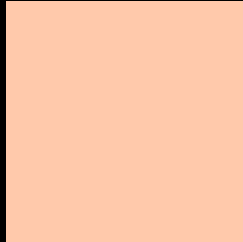
Large Text (above 18pt) WCAG AA × Fail

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 69.4773, 65.9736, 47.6004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

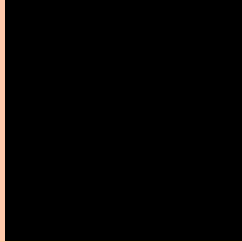
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.4773, 65.9736, 47.6004

Background



This preview shows how black text looks on a background with the XYZ color 69.4773, 65.9736, 47.6004.



This preview shows how white text looks on a background with the XYZ color 69.4773, 65.9736,

47.6004.

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

69.4773, 65.9736, 47.6004

Protanopia

62.1204, 66.0688, 50.5528

Deuteranopia

67.2063, 65.8622, 47.2007



Tritanopia

72.9641, 65.8957, 70.5015

Trichromacy



Original Color

69.4773, 65.9736, 47.6004

Protanomaly

64.4568, 65.8299, 49.3536

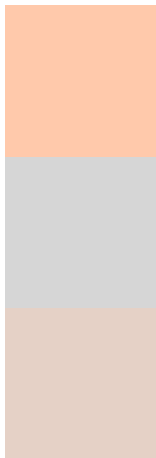
Deuteranomaly

68.0360, 65.9381, 47.1717

Tritanomaly

71.3979, 65.6337, 61.1300

Monochromacy



Original Color

69.4773, 65.9736, 47.6004

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

65.3066, 66.3362, 62.7882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4773, 65.9736, 47.6004 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, 201, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 171)  
}
```

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, 201, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 171) }
```

Border

The CSS property to change the border of an element to XYZ 69.4773, 65.9736, 47.6004 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, 201, 171) }
```


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

```
.border{ border-color:rgb(255, 201, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4773, 65.9736, 47.6004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 171) }
```

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

```
.background{ background-color: rgb(255,  
201, 171) }
```

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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