

Converting Colors

XYZ(93.2737, 80.7044, 48.7546)

Have a look what the booklet for
XYZ(93.2737, 80.7044, 48.7546)
contains.

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Color

**XYZ(71.0516, 69.2740,
47.6566)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD0AA
RGB	255, 208, 170
RGB Percent	100%, 82%, 67%
CMY	0.0000, 0.1843, 0.3333
CMYK	0.00, 0.18, 0.33, 0.00
HSL	27°, 100%, 83%
HSV	27°, 33%, 100%
XYZ	71.0516, 69.2740, 47.6566
YIQ	217.7210, 40.2100, -1.8540

Conversions

Conversions Part 2

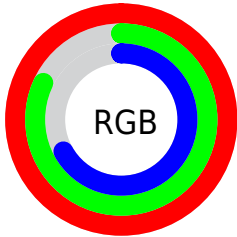
Format	Color
R_{YB}	255, 239, 170
Decimal	16765098
CIE _{Lab}	86.64, 11.37, 25.11
CIE _{LCh}	87, 27.568, 65.639
Yxy	69.2740, 0.3780, 0.3685
Android (android.graphics.Color)	4294955178 (0xFFFFD0AA)
YUV	217.7210, -23.5265, 32.6937
Hunter-Lab	83.2310, 6.7254, 24.3133

Details

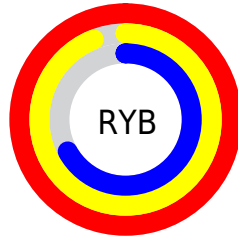
The XYZ color **71.0516, 69.2740, 47.6566** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.4396, 65.3896, 104.0964**, and the grayscale version is **66.5873, 70.0550, 76.2899**.

A 20% lighter version of the original color is **90.5906, 98.2162, 85.4172**, and **37.8516, 36.2895, 22.1491** is the 20% darker color. If you saturate the color by 10%, you get **65.5838, 61.8316, 35.0651**, and if you desaturate by 10%, it is **77.2963, 77.5211, 62.8168**.

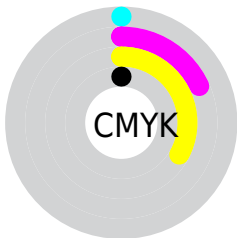
Distribution



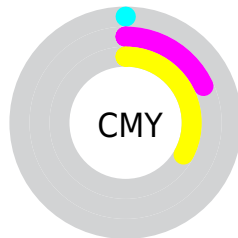
- Red (100%)
- Green (82%)
- Blue (67%)



- Red (100%)
- Yellow (94%)
- Blue (67%)



- Cyan (0%)
- Magenta (18%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (18%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.0516, 69.2740, 47.6566 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 71.0516, 69.2740, 47.6566 by changing the saturation by 10% instead.


 71.0516, 69.2740,
47.6566

 71.0516, 69.2740,
47.6566


453.4428,
457.9968, 393.8987

 52.6670, 50.9349,
33.1970


 119.7253,
118.1728, 88.0531

 37.7634, 36.1568,
22.0050


150.7451,
149.5014, 114.8271

 25.9755, 24.5553,
13.6622


186.7074,
185.9285, 146.5429

 16.9379, 15.7461,
7.7501

227.9774,
227.8386, 183.6191

 10.2852, 9.3446,
3.8500

274.9207,
275.6161, 226.4743

 5.6522, 4.9667,
1.5434

327.9024,

 2.6734, 2.2277,

329.6453, 275.5269

0.2499

387.2880,
390.3108, 331.1955

■ 0.9835, 0.7350,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.0516, 69.2740,
47.6566

■ 71.0516, 69.2740,
47.6566

■ 65.5838, 61.8316,
35.0651

■ 77.2963, 77.5211,
62.8168

■ 60.8527, 55.1576,
24.8925

■ 84.3453, 86.5885,
80.6756

■ 56.8219, 49.2268,
16.9797

■ 92.2311, 96.5034,
101.3590

■ 53.4489, 44.0083,
11.1465

95.0500, 100.0000,
108.9000

■ 50.6859, 39.4687,
7.1846

■ 48.4759, 35.5698,
4.8411

■ 47.2591, 33.2982,
3.9364

Harmonies

Analogous

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



76.3613, 69.2740, 56.6955



71.0516, 69.2740, 47.6566



64.6408, 69.2740, 45.5045

Triad

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



71.0516, 69.2740, 47.6566



54.3376, 69.2740, 78.9448



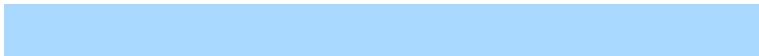
73.2784, 69.2740, 107.8566

Complementary

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



71.0516, 69.2740, 47.6566



59.4396, 65.3896, 104.0964

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.



67.0598, 69.2740, 116.2278



71.0516, 69.2740, 47.6566



56.3376, 69.2740, 97.8886

Square

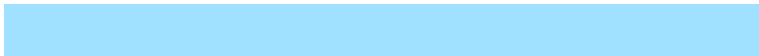
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.0516, 69.2740, 47.6566



55.2545, 69.2740, 61.8014



60.8951, 69.2740, 112.3131



77.7042, 69.2740, 90.9225

Rectangle

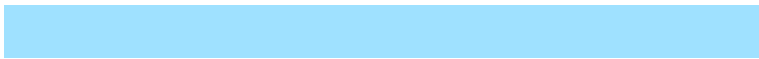
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.0516, 69.2740, 47.6566



60.6592, 69.2740, 47.9017



60.8951, 69.2740, 112.3131



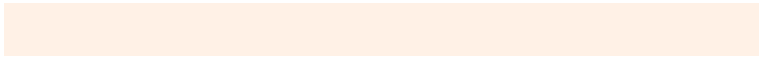
71.3138, 69.2740, 111.8802

Sweetspot

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



71.0533, 69.2772, 47.6580



86.8790, 89.7975, 87.2489



68.2919, 55.0808, 73.4769



18.3645, 18.9282, 18.0733



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.



71.0533, 69.2772, 47.6580



67.3227, 64.2259, 38.9855



82.4747, 92.1200, 51.4651



18.6780, 19.3242, 18.8898



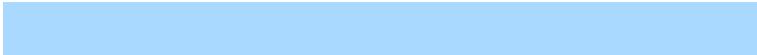
24.8377, 17.6867, 2.1048



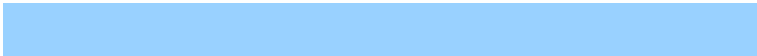
2.5254, 1.9362, 0.2406

Inverse Universe

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



59.4396, 65.3896, 104.0964



54.0840, 59.7866, 103.2972



50.0883, 46.6870, 100.9793



17.8357, 19.0431, 22.9856



14.5586, 14.0267, 51.3747



1.5266, 1.5839, 5.0385

Previews

White Background



This preview shows how the XYZ color 71.0516, 69.2740, 47.6566 looks on a white background.

Color Contrast Check

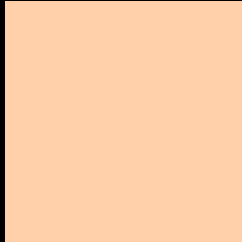
Large Text (above 18pt) WCAG AA × Fail

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 71.0516, 69.2740, 47.6566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

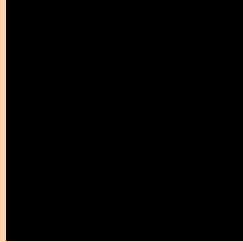
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.0516, 69.2740, 47.6566

Background



This preview shows how black text looks on a background with the XYZ color 71.0516, 69.2740, 47.6566.



This preview shows how white text looks on a background with the XYZ color 71.0516, 69.2740,

47.6566.

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

71.0516, 69.2740, 47.6566

Protanopia

65.4078, 69.6706, 50.0448

Deuteranopia

70.6846, 69.0849, 47.6394



Tritanopia

75.3573, 69.4555, 75.0801

Trichromacy



Original Color

71.0516, 69.2740, 47.6566

Protanomaly

67.5246, 69.6355, 49.4172

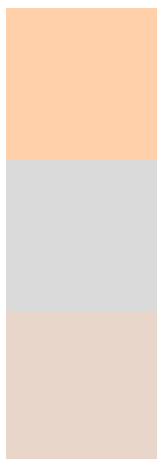
Deuteranomaly

70.6846, 69.0849, 47.6394

Tritanomaly

73.4966, 69.0928, 64.1061

Monochromacy



Original Color

71.0516, 69.2740, 47.6566

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.5442, 69.2991, 65.0744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0516, 69.2740, 47.6566 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, 208, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 170)  
}
```

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, 208, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 170) }
```

Border

The CSS property to change the border of an element to XYZ 71.0516, 69.2740, 47.6566 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, 208, 170) }
```


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

```
.border{ border-color:rgb(255, 208, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0516, 69.2740, 47.6566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 170) }
```

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

```
.background{ background-color: rgb(255,  
208, 170) }
```

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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