

Converting Colors

XYZ(128.9917, 100.0000,
48.9754)

Have a look what the booklet for
XYZ(128.9917, 100.0000, 48.9754)
contains.

XYZ(71.2616, 70.1432, 46.3423)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(71.2616, 70.1432,
46.3423)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2A7
RGB	255, 210, 167
RGB Percent	100%, 82%, 65%
CMY	0.0000, 0.1764, 0.3451
CMYK	0.00, 0.18, 0.35, 0.00
HSL	29°, 100%, 83%
HSV	29°, 35%, 100%
XYZ	71.2616, 70.1432, 46.3423
YIQ	218.5530, 40.6230, -3.8330

Conversions

Conversions Part 2

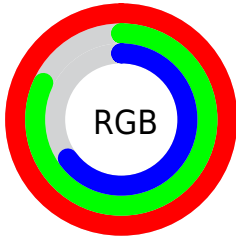
Format	Color
R _Y B	255, 251, 167
Decimal	16765607
CIE Lab	87.07, 9.98, 27.26
CIE LCh	87, 29.028, 69.901
Yxy	70.1432, 0.3796, 0.3736
Android (android.graphics.Color)	4294955687 (0xFFFFD2A7)
YUV	218.5530, -25.4156, 31.9640
Hunter-Lab	83.7515, 5.3150, 25.8191

Details

The XYZ color **71.2616, 70.1432, 46.3423** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.5290, 62.5203, 103.6432**, and the grayscale version is **67.1745, 70.6728, 76.9627**.

A 20% lighter version of the original color is **90.1848, 98.0539, 83.2803**, and **38.0089, 36.8851, 21.3359** is the 20% darker color. If you saturate the color by 10%, you get **66.0442, 63.1162, 34.0973**, and if you desaturate by 10%, it is **77.2097, 77.8873, 61.1255**.

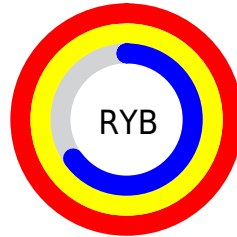
Distribution



Red (100%)

Green (82%)

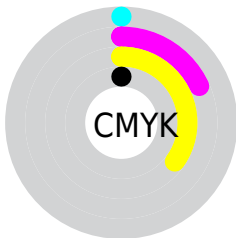
Blue (65%)



Red (100%)

Yellow (98%)

Blue (65%)

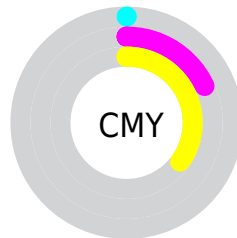


Cyan (0%)

Magenta (18%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.2616, 70.1432, 46.3423 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 71.2616, 70.1432, 46.3423 by changing the saturation by 10% instead.


 71.2616, 70.1432,
46.3423


 71.2616, 70.1432,
46.3423


454.1650,
461.0526, 388.5006

 52.8390, 51.6433,
32.1654


 120.0226,
119.4129, 86.0707

 37.9012, 36.7208,
21.2220

 151.0918,
150.9516, 112.4593

 26.0829, 24.9914,
13.0936


187.1072,
187.6052, 143.7556

 17.0187, 16.0707,
7.3615

228.4341,
229.7583, 180.3780

 10.3432, 9.5742,
3.6073

275.4381,
277.7952, 222.7452

 5.6911, 5.1175,
1.4125

328.4843,

 2.6970, 2.3164,

332.1003, 271.2757

0.1514

387.9381,
393.0580, 326.3880

■ 0.9957, 0.7824,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.2616, 70.1432,
46.3423

■ 71.2616, 70.1432,
46.3423

■ 66.0442, 63.1162,
34.0973

■ 77.2097, 77.8873,
61.1255

■ 61.5185, 56.7730,
24.2395

■ 83.9144, 86.3606,
78.5774

■ 57.6494, 51.0918,
16.6085

■ 91.4066, 95.5876,
98.8245

■ 54.3961, 46.0456,
11.0220

95.0500, 100.0000,
108.9000

■ 51.7118, 41.6044,
7.2683

■ 49.5404, 37.7340,
5.0879

■ 48.5254, 35.8308,
4.3585

Harmonies

Analogous

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



77.2056, 70.1432, 54.7939



71.2616, 70.1432, 46.3423



64.4472, 70.1432, 45.1190

Triad

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



71.2616, 70.1432, 46.3423



54.6060, 70.1432, 82.9916



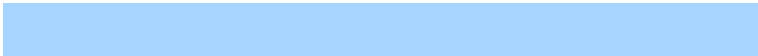
75.4081, 70.1432, 108.8350

Complementary

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



71.2616, 70.1432, 46.3423



57.5290, 62.5203, 103.6432

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.



68.9413, 70.1432, 119.4950



71.2616, 70.1432, 46.3423



57.1376, 70.1432, 102.9854

Square

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



71.2616, 70.1432, 46.3423



55.1341, 70.1432, 64.2206



62.2781, 70.1432, 117.1892



79.7100, 70.1432, 89.9714

Rectangle

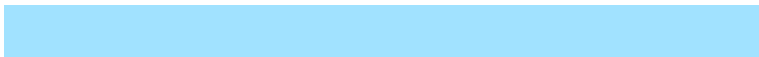
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.2616, 70.1432, 46.3423



60.3643, 70.1432, 48.3063



62.2781, 70.1432, 117.1892



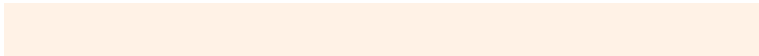
73.3981, 70.1432, 113.6307

Sweetspot

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



71.2634, 70.1465, 46.3437



87.1936, 90.4267, 87.3538



67.0018, 53.6752, 69.4260



18.4405, 19.0802, 18.0986



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.



71.2634, 70.1465, 46.3437



67.7949, 65.5037, 38.1148



83.5091, 94.6378, 50.4256



18.7423, 19.4527, 18.9113



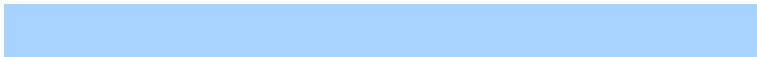
25.5040, 19.0192, 2.3269



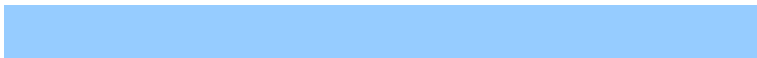
2.5922, 2.0697, 0.2629

Inverse Universe

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



57.5290, 62.5203, 103.6432



52.2813, 56.8881, 102.8327



48.0760, 43.6142, 100.4922



17.7710, 18.9135, 22.9640



13.7792, 12.4680, 51.1149



1.4510, 1.4327, 5.0133

Previews

White Background



This preview shows how the XYZ color 71.2616, 70.1432, 46.3423 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 71.2616, 70.1432, 46.3423 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 71.2616, 70.1432, 46.3423

Background



This preview shows how black text looks on a background with the XYZ color 71.2616, 70.1432, 46.3423.



This preview shows how white text looks on a background with the XYZ color 71.2616, 70.1432,

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

71.2616, 70.1432, 46.3423

Protanopia

66.0264, 70.4067, 48.6380

Deuteranopia

71.5423, 70.2555, 47.8202



Tritanopia

75.8575, 70.0371, 76.5382

Trichromacy



Original Color

71.2616, 70.1432, 46.3423

Protanomaly

67.8318, 70.2039, 48.0058

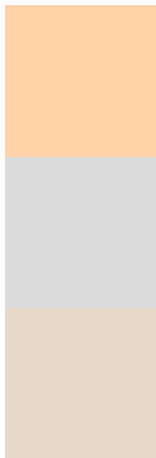
Deuteranomaly

71.4480, 70.2178, 47.3238

Tritanomaly

73.9782, 70.0558, 64.2666

Monochromacy



Original Color

71.2616, 70.1432, 46.3423

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.2599, 70.4377, 64.6417

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2616, 70.1432, 46.3423 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, 210, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 167)  
}
```

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, 210, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 167) }
```

Border

The CSS property to change the border of an element to XYZ 71.2616, 70.1432, 46.3423 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, 210, 167) }
```


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

```
.border{ border-color:rgb(255, 210, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2616, 70.1432, 46.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 167) }
```

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

```
.background{ background-color: rgb(255,  
210, 167) }
```

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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