

Converting Colors

XYZ(69.6232, 73.0682, 47.4798)

Have a look what the booklet for
XYZ(69.6232, 73.0682, 47.4798)
contains.

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Color

**XYZ(69.6232, 73.0682,
47.4798)**

Conversions

Conversions Part 1

Format	Color
Hex	F3DCA8
RGB	243, 220, 168
RGB Percent	95%, 86%, 66%
CMY	0.0471, 0.1372, 0.3412
CMYK	0.00, 0.09, 0.31, 0.05
HSL	42°, 76%, 81%
HSV	42°, 31%, 95%
XYZ	69.6232, 73.0682, 47.4798
YIQ	220.9490, 30.4000, -11.2960

Conversions

Conversions Part 2

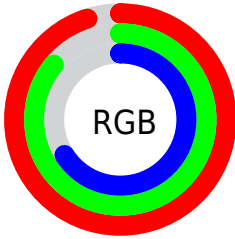
Format	Color
R_{YB}	201, 243, 168
Decimal	15981736
CIE _{Lab}	88.48, 0.38, 28.48
CIE _{LCh}	88, 28.478, 89.244
Yxy	73.0682, 0.3661, 0.3842
Android (android.graphics.Color)	4294171816 (0xFFFF3DCA8)
YUV	220.9490, -26.1039, 19.3387
Hunter-Lab	85.4799, -4.2021, 26.9033

Details

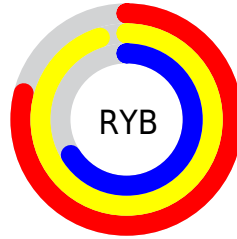
The XYZ color **69.6232, 73.0682, 47.4798** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.9565, 52.0560, 92.1563**, and the grayscale version is **68.8555, 72.4413, 78.8886**.

A 20% lighter version of the original color is **90.3193, 98.1077, 83.9884**, and **36.8572, 38.6103, 22.0330** is the 20% darker color. If you saturate the color by 10%, you get **65.6562, 68.4246, 36.0131**, and if you desaturate by 10%, it is **74.1042, 78.0620, 61.2065**.

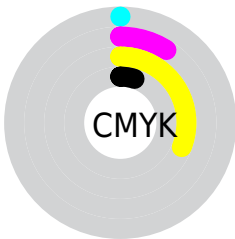
Distribution



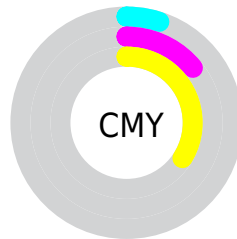
- Red (95%)
- Green (86%)
- Blue (66%)



- Red (79%)
- Yellow (95%)
- Blue (66%)



- Cyan (0%)
- Magenta (9%)
- Yellow (31%)
- Black (5%)





- Cyan (5%)
- Magenta (14%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.6232, 73.0682, 47.4798 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 69.6232, 73.0682, 47.4798 by changing the saturation by 10% instead.

 69.6232, 73.0682,
47.4798


 69.6232, 73.0682,
47.4798


448.5130,
471.2511, 393.1755

 51.4979, 54.0317,
33.0581


 117.7005,
123.5740, 87.7868

 36.8277, 38.6270,
21.8994


 148.3831,
155.8122, 114.5092

 25.2471, 26.4697,
13.5854


183.9823,
193.2197, 146.1689

 16.3910, 17.1754,
7.6974

224.8633,
236.1809, 183.1844

 9.8939, 10.3596,
3.8170

271.3915,
285.0803, 225.9743

 5.3904, 5.6380,
1.5255

323.9323,

 2.5152, 2.6263,

340.3022, 274.9570

0.2368

382.8510,
402.2310, 330.5513

■ 0.9029, 0.9399,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.6232, 73.0682,
47.4798

■ 69.6232, 73.0682,
47.4798

■ 65.6562, 68.4246,
36.0131

■ 74.1042, 78.0620,
61.2065

■ 62.1728, 64.1095,
26.6771

■ 79.1165, 83.4070,
77.3038

■ 59.1478, 60.1136,
19.3364

■ 84.6832, 89.1166,
95.8803

■ 56.5511, 56.4229,
13.8381

■ 89.1379, 94.5261,
108.1550

■ 54.3483, 53.0219,
10.0067

■ 90.7722, 97.7947,
108.6998

■ 52.4983, 49.8921,
7.6325

■ 51.0569, 47.2441,
6.4280

Harmonies

Analogous

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



76.4069, 73.0682, 51.3394



69.6232, 73.0682, 47.4798



63.2096, 73.0682, 50.9683

Triad

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



69.6232, 73.0682, 47.4798



58.5760, 73.0682, 99.4521



81.3974, 73.0682, 100.4566

Complementary

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



69.6232, 73.0682, 47.4798



50.9565, 52.0560, 92.1563

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.



76.0863, 73.0682, 117.2322



69.6232, 73.0682, 47.4798



62.9271, 73.0682, 116.5884

Square

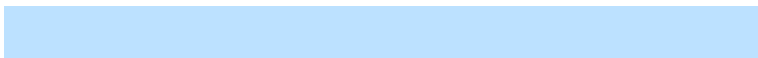
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.6232, 73.0682, 47.4798



57.0908, 73.0682, 79.0618



69.2754, 73.0682, 123.5658



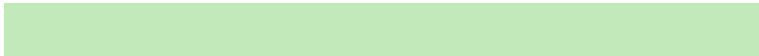
83.4735, 73.0682, 80.0580

Rectangle

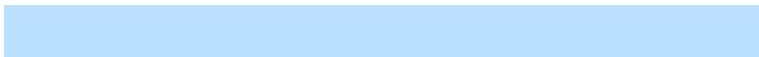
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.6232, 73.0682, 47.4798



59.9396, 73.0682, 57.3806



69.2754, 73.0682, 123.5658



79.9147, 73.0682, 106.8218

Sweetspot

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



69.6251, 73.0715, 47.4813



89.3688, 94.2015, 89.8536



60.4521, 50.8555, 56.3548



18.9423, 19.9691, 18.6194



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.



69.6251, 73.0715, 47.4813



74.8583, 78.2532, 44.7155



71.5118, 83.6278, 49.4194



17.4609, 18.4060, 17.4300



28.1466, 26.1788, 3.5695



2.5645, 2.4822, 0.3439

Inverse Universe

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



50.9565, 52.0560, 92.1563



50.9995, 51.4048, 101.8419



49.4135, 44.3919, 90.7583



15.9955, 16.7553, 20.9336



10.3456, 6.4850, 47.2445



0.9964, 0.7442, 4.1814

Previews

White Background



This preview shows how the XYZ color 69.6232, 73.0682, 47.4798 looks on a white background.

Color Contrast Check

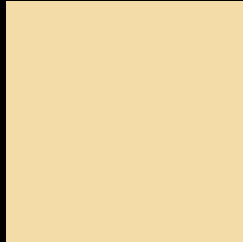
Large Text (above 18pt) WCAG AA × Fail

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 69.6232, 73.0682, 47.4798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

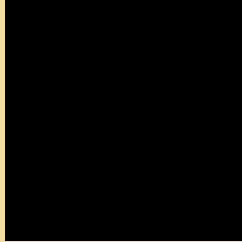
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.6232, 73.0682, 47.4798

Background



This preview shows how black text looks on a background with the XYZ color 69.6232, 73.0682, 47.4798.



This preview shows how white text looks on a background with the XYZ color 69.6232, 73.0682,

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

69.6232, 73.0682, 47.4798

Protanopia

68.5426, 73.2843, 48.0688

Deuteranopia

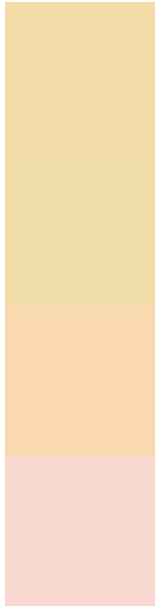
73.7787, 73.1562, 53.4120



Tritanopia

76.9714, 73.0124, 83.4348

Trichromacy



Original Color

69.6232, 73.0682, 47.4798

Protanomaly

68.9531, 73.1027, 48.0121

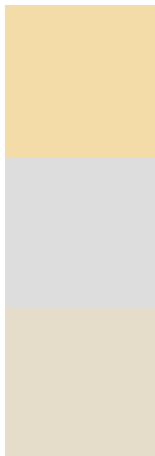
Deuteranomaly

72.4330, 73.2695, 51.3991

Tritanomaly

73.7988, 72.8313, 68.5607

Monochromacy



Original Color

69.6232, 73.0682, 47.4798

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.8302, 72.6352, 66.2694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6232, 73.0682, 47.4798 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(243, 220, 168)` looks like.

```
.text, #text, p{  
    color:rgb(243, 220, 168)  
}
```

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(243, 220, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 220, 168) }
```

Border

The CSS property to change the border of an element to XYZ 69.6232, 73.0682, 47.4798 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(243, 220, 168) }
```


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

```
.border{ border-color:rgb(243, 220, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 220, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 220, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 220, 168);  
box-shadow:4px 4px 4px 4px rgb(243, 220,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6232, 73.0682, 47.4798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 220, 168) }
```

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

```
.background{ background-color: rgb(243,  
220, 168) }
```

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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