

Converting Colors

XYZ(70.8077, 73.1145, 34.2358)

Have a look what the booklet for
XYZ(70.8077, 73.1145, 34.2358)
contains.

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Color

**XYZ(70.8988, 73.2378,
34.4443)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDA8A
RGB	255, 218, 138
RGB Percent	100%, 85%, 54%
CMY	0.0000, 0.1451, 0.4588
CMYK	0.00, 0.15, 0.46, 0.00
HSL	41°, 100%, 77%
HSV	41°, 46%, 100%
XYZ	70.8988, 73.2378, 34.4443
YIQ	219.9430, 47.7320, -17.0360

Conversions

Conversions Part 2

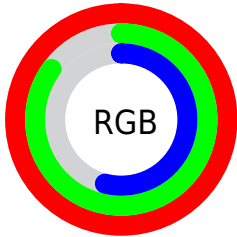
Format	Color
RYB	192, 255, 138
Decimal	16767626
CIELab	88.56, 2.76, 44.00
CIELCh	89, 44.089, 86.406
Yxy	73.2378, 0.3970, 0.4101
Android (android.graphics.Color)	4294957706 (0xFFFFDA8A)
YUV	219.9430, -40.3979, 30.7450
Hunter-Lab	85.5791, -1.8834, 36.0420

Details

The XYZ color **70.8988, 73.2378, 34.4443** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **43.8606, 43.2815, 100.6498**, and the grayscale version is **68.2390, 71.7927, 78.1823**.

A 20% lighter version of the original color is **86.6256, 96.6303, 64.5379**, and **37.5419, 38.6020, 14.2764** is the 20% darker color. If you saturate the color by 10%, you get **67.2253, 68.5065, 25.1563**, and if you desaturate by 10%, it is **75.1110, 78.3528, 46.0516**.

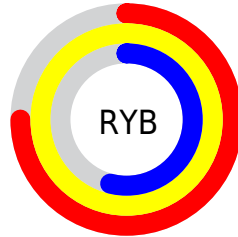
Distribution



Red (100%)

Green (85%)

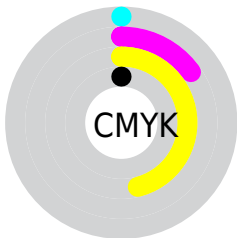
Blue (54%)



Red (75%)

Yellow (100%)

Blue (54%)

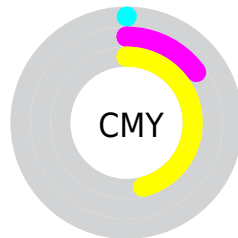


Cyan (0%)

Magenta (15%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.8988, 73.2378, 34.4443 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 70.8988, 73.2378, 34.4443 by changing the saturation by 10% instead.


 70.8988, 73.2378,
34.4443

 70.8988, 73.2378,
34.4443


452.9169,
471.8386, 336.9381


 52.5419, 54.1704,
22.9550


 119.5089,
123.8147, 67.7658

 37.6632, 38.7379,
14.3553


 150.4928,
156.0931, 90.4350

 25.8974, 26.5559,
8.2266


 186.4164,
193.5439, 117.6680

 16.8792, 17.2400,
4.1505

227.6450,
236.5516, 149.8833

 10.2432, 10.4057,
1.7082

274.5440,
285.5005, 187.4994

 5.6240, 5.6688,
0.3664

327.4787,

 2.6563, 2.6448,

340.7750, 230.9349

0.0000

386.8146,
402.7596, 280.6083

■ 0.9747, 0.9492,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.8988, 73.2378,
34.4443

■ 70.8988, 73.2378,
34.4443

■ 67.2253, 68.5065,
25.1563

■ 75.1110, 78.3528,
46.0516

■ 64.0529, 64.1334,
18.0204

■ 79.8858, 83.8550,
60.1206

■ 61.3472, 60.1051,
12.8543

■ 85.2519, 89.7610,
76.7875

■ 59.0658, 56.4023,
9.4429

■ 91.2340, 96.0827,
96.1771

■ 57.1568, 53.0017,
7.5196

95.0498, 99.9999,
108.9000

■ 56.4479, 51.6761,
6.9994

Harmonies

Analogous

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



81.5367, 73.2378, 40.2622



70.8988, 73.2378, 34.4443



60.9145, 73.2378, 37.9812

Triad

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



70.8988, 73.2378, 34.4443



52.8692, 73.2378, 108.6961



88.0516, 73.2378, 116.6939

Complementary

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



70.8988, 73.2378, 34.4443



43.8606, 43.2815, 100.6498

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.



79.0967, 73.2378, 144.4632



70.8988, 73.2378, 34.4443



58.9077, 73.2378, 139.0812

Square

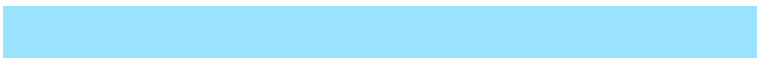
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.8988, 73.2378, 34.4443



51.1473, 73.2378, 76.1319



68.3376, 73.2378, 153.5478



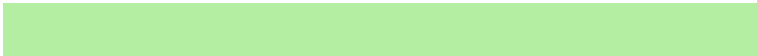
92.0546, 73.2378, 83.4676

Rectangle

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



70.8988, 73.2378, 34.4443



55.8382, 73.2378, 45.8212



68.3376, 73.2378, 153.5478



85.4790, 73.2378, 127.2726

Sweetspot

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



70.9006, 73.2412, 34.4458



86.3299, 90.9186, 80.2241



58.0716, 42.5347, 45.7333



18.2140, 19.1765, 16.3295



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.



70.9006, 73.2412, 34.4458



67.5288, 68.9093, 25.8860



74.1316, 90.7711, 37.6591



19.0484, 20.0650, 19.0133



29.6355, 27.2822, 3.7040



2.9837, 2.8528, 0.3934

Inverse Universe

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



43.8606, 43.2815, 100.6498



37.5019, 35.6769, 99.5175



41.5266, 32.8148, 98.7525



17.4717, 18.3150, 22.8642



11.0721, 7.0538, 50.2125



1.1712, 0.8732, 4.9201

Previews

White Background



This preview shows how the XYZ color 70.8988, 73.2378, 34.4443 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 70.8988, 73.2378, 34.4443 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 70.8988, 73.2378, 34.4443

Background



This preview shows how black text looks on a background with the XYZ color 70.8988, 73.2378, 34.4443.



This preview shows how white text looks on a background with the XYZ color 70.8988, 73.2378,

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

70.8988, 73.2378, 34.4443

Protanopia

67.4728, 73.0132, 35.3477

Deuteranopia

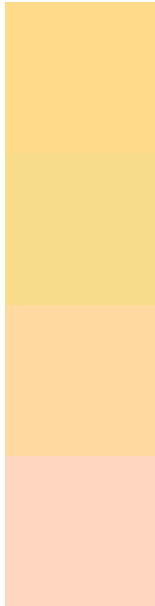
73.1466, 73.3120, 48.8235



Tritanopia

77.8535, 73.1762, 79.8331

Trichromacy



Original Color

70.8988, 73.2378, 34.4443

Protanomaly

68.8744, 73.3511, 34.9542

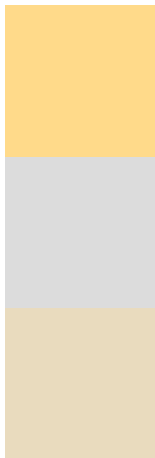
Deuteranomaly

72.3109, 73.3889, 43.1552

Tritanomaly

74.8010, 73.1589, 60.0478

Monochromacy



Original Color

70.8988, 73.2378, 34.4443

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.2301, 71.7044, 58.9594

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8988, 73.2378, 34.4443 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, 218, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 138)  
}
```

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, 218, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 138) }
```

Border

The CSS property to change the border of an element to XYZ 70.8988, 73.2378, 34.4443 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, 218, 138) }
```


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

```
.border{ border-color:rgb(255, 218, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8988, 73.2378, 34.4443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 138) }
```

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

```
.background{ background-color: rgb(255,  
218, 138) }
```

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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