

Converting Colors

XYZ(74.0028, 80.6041, 31.9090)

Have a look what the booklet for
XYZ(74.0028, 80.6041, 31.9090)
contains.

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Color

**XYZ(73.9929, 80.5317,
32.0664)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE880
RGB	255, 232, 128
RGB Percent	100%, 91%, 50%
CMY	0.0000, 0.0902, 0.4980
CMYK	0.00, 0.09, 0.50, 0.00
HSL	49°, 100%, 75%
HSV	49°, 50%, 100%
XYZ	73.9929, 80.5317, 32.0664
YIQ	227.0210, 47.0920, -27.4680

Conversions

Conversions Part 2

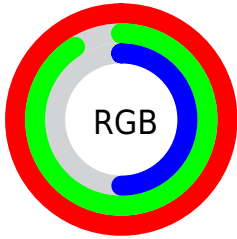
Format	Color
R_{YB}	156, 255, 128
Decimal	16771200
CIE _{Lab}	91.92, -5.22, 53.01
CIE _{LCh}	92, 53.267, 95.629
Yxy	80.5317, 0.3966, 0.4316
Android (android.graphics.Color)	4294961280 (0xFFFFE880)
YUV	227.0210, -48.8174, 24.5376
Hunter-Lab	89.7395, -9.8654, 41.6317

Details

The XYZ color **73.9929, 80.5317, 32.0664** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **38.0185, 33.9414, 99.1551**, and the grayscale version is **73.3506, 77.1706, 84.0388**.

A 20% lighter version of the original color is **85.5472, 96.1989, 58.8592**, and **39.7571, 43.6880, 12.9938** is the 20% darker color. If you saturate the color by 10%, you get **71.2390, 77.3809, 23.8829**, and if you desaturate by 10%, it is **77.2066, 83.9270, 42.4855**.

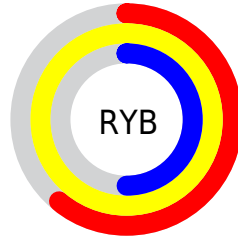
Distribution



Red (100%)

Green (91%)

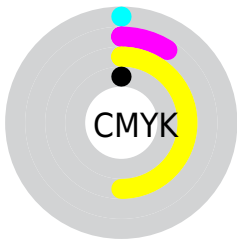
Blue (50%)



Red (61%)

Yellow (100%)

Blue (50%)

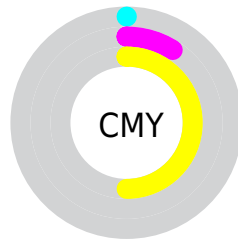


Cyan (0%)

Magenta (9%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.9929, 80.5317, 32.0664 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 73.9929, 80.5317, 32.0664 by changing the saturation by 10% instead.


 73.9929, 80.5317,
32.0664

 73.9929, 80.5317,
32.0664


463.4996,
496.7229, 325.9237


 55.0795, 60.1560,
21.1470


 123.8813,
134.1130, 64.0143

 39.6995, 43.5444,
13.0392


 155.5870,
168.0874, 85.8798

 27.4875, 30.3125,
7.3245


 192.2875,
207.3635, 112.2312

 18.0781, 20.0759,
3.5843

234.3482,
252.3256, 143.4868

 11.1061, 12.4502,
1.4002

282.1343,
303.3583, 180.0654

 6.2061, 7.0511,
0.1419

336.0114,

 3.0126, 3.4941,

360.8457, 222.3853

0.0000

396.3447,
425.1725, 270.8653

■ 1.1605, 1.3948,
0.0000

■ 0.0748, 0.2129,
0.0000

■ 73.9929, 80.5317,
32.0664

■ 73.9929, 80.5317,
32.0664

■ 71.2390, 77.3809,
23.8829

■ 77.2066, 83.9270,
42.4855

■ 68.9066, 74.4499,
17.7602

■ 80.9033, 87.5677,
55.2875

■ 66.9605, 71.7272,
13.5060

■ 85.1117, 91.4684,
70.6128

■ 65.3565, 69.1947,
10.8887

■ 89.8563, 95.6394,
88.5893

■ 64.0241, 66.8239, 95.0499, 99.9999,
9.5383 108.9000

■ 63.9990, 66.7781,
9.5164

Harmonies

Analogous

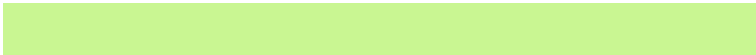
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.9140, 80.5317, 35.4231



73.9929, 80.5317, 32.0664



62.2249, 80.5317, 39.6145

Triad

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



73.9929, 80.5317, 32.0664



57.0983, 80.5317, 139.2742



103.0790, 80.5317, 122.5750

Complementary

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



73.9929, 80.5317, 32.0664



38.0185, 33.9414, 99.1551

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.



92.9045, 80.5317, 164.2401



73.9929, 80.5317, 32.0664



66.1973, 80.5317, 175.7205

Square

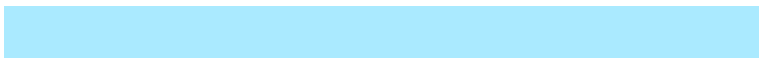
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9929, 80.5317, 32.0664



53.2442, 80.5317, 95.2805



79.1510, 80.5317, 186.0040



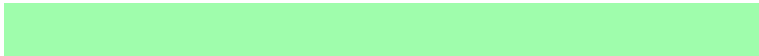
105.8055, 80.5317, 80.5049

Rectangle

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



73.9929, 80.5317, 32.0664



56.8265, 80.5317, 51.6725



79.1510, 80.5317, 186.0040



100.3619, 80.5317, 137.4397

Sweetspot

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



73.9948, 80.5355, 32.0680



87.3223, 93.4375, 78.9081



54.5686, 38.9427, 34.0406



18.4796, 19.8128, 16.0939



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

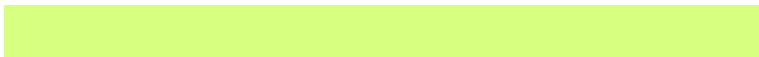
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9948, 80.5355, 32.0680



71.1892, 77.3211, 23.7428



67.6174, 87.4928, 33.7471



19.2651, 20.4984, 19.0855



33.5422, 35.0956, 5.0063



3.3354, 3.5562, 0.5106

Inverse Universe

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



38.0185, 33.9414, 99.1551



31.4724, 25.9306, 97.9541



41.9645, 31.0079, 98.3809



17.2689, 17.9095, 22.7967



10.0216, 4.9528, 49.8624



1.0443, 0.6193, 4.8778

Previews

White Background



This preview shows how the XYZ color 73.9929, 80.5317, 32.0664 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 73.9929, 80.5317, 32.0664 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 73.9929, 80.5317, 32.0664

Background



This preview shows how black text looks on a background with the XYZ color 73.9929, 80.5317, 32.0664.



This preview shows how white text looks on a background with the XYZ color 73.9929, 80.5317,

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

73.9929, 80.5317, 32.0664

Protanopia

73.9929, 80.5317, 32.0664

Deuteranopia

78.7871, 80.2294, 64.1566



Tritanopia

82.8911, 80.5695, 89.7799

Trichromacy

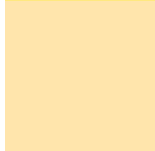


Original Color

73.9929, 80.5317, 32.0664

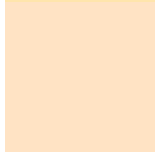
Protanomaly

73.9929, 80.5317, 32.0664



Deuteranomaly

76.7057, 80.2772, 50.4819



Tritanomaly

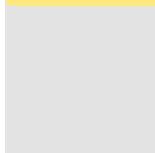
78.6729, 80.1837, 63.5550

Monochromacy



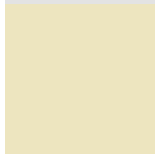
Original Color

73.9929, 80.5317, 32.0664



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

72.3483, 77.8047, 60.4949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.9929, 80.5317, 32.0664 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, 232, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 128)  
}
```

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, 232, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 128) }
```

Border

The CSS property to change the border of an element to XYZ 73.9929, 80.5317, 32.0664 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, 232, 128) }
```


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

```
.border{ border-color:rgb(255, 232, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 73.9929, 80.5317, 32.0664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 128) }
```

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

```
.background{ background-color: rgb(255,  
232, 128) }
```

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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