

Converting Colors

XYZ(71.5286, 75.6530, 31.0911)

Have a look what the booklet for
XYZ(71.5286, 75.6530, 31.0911)
contains.

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Color

**XYZ(71.5240, 75.5939,
31.2434)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDF80
RGB	255, 223, 128
RGB Percent	100%, 87%, 50%
CMY	0.0000, 0.1255, 0.4980
CMYK	0.00, 0.13, 0.50, 0.00
HSL	45°, 100%, 75%
HSV	45°, 50%, 100%
XYZ	71.5240, 75.5939, 31.2434
YIQ	221.7380, 49.5670, -22.7610

Conversions

Conversions Part 2

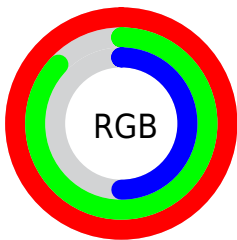
Format	Color
RYB	171, 255, 128
Decimal	16768896
CIELab	89.67, -0.69, 50.27
CIELCh	90, 50.280, 90.786
Yxy	75.5939, 0.4010, 0.4238
Android (android.graphics.Color)	4294958976 (0xFFFFDF80)
YUV	221.7380, -46.2128, 29.1708
Hunter-Lab	86.9448, -5.3126, 39.5556

Details

The XYZ color **71.5240, 75.5939, 31.2434** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **39.5225, 36.9495, 99.6564**, and the grayscale version is **69.5392, 73.1606, 79.6719**.

A 20% lighter version of the original color is **85.4435, 96.1574, 58.3128**, and **38.0721, 40.2628, 12.6024** is the 20% darker color. If you saturate the color by 10%, you get **68.3686, 71.6401, 22.9260**, and if you desaturate by 10%, it is **75.1699, 79.8537, 41.8065**.

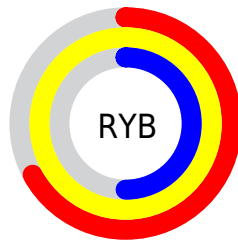
Distribution



Red (100%)

Green (87%)

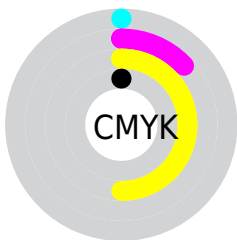
Blue (50%)



Red (67%)

Yellow (100%)

Blue (50%)

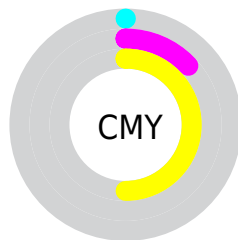


Cyan (0%)

Magenta (13%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.5240, 75.5939, 31.2434 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 71.5240, 75.5939, 31.2434 by changing the saturation by 10% instead.


 71.5240, 75.5939,
31.2434


 71.5240, 75.5939,
31.2434


455.0665,
479.9564, 322.0440

 53.0540, 56.0996,
20.5242


 120.3940,
127.1527, 62.7071

 38.0735, 40.2828,
12.5888


 151.5247,
159.9860, 84.2888

 26.2172, 27.7591,
7.0187


 187.6064,
198.0343, 110.3284

 17.1198, 18.1441,
3.3951

229.0044,
241.6822, 141.2444

 10.4157, 11.0535,
1.2998

276.0840,
291.3139, 177.4555

 5.7398, 6.1028,
0.0616

329.2107,

 2.7267, 2.9077,

347.3139, 219.3800

0.0000

388.7497,
410.0666, 267.4367

■ 1.0109, 1.0837,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.5240, 75.5939,
31.2434

■ 71.5240, 75.5939,
31.2434

■ 68.3686, 71.6401,
22.9260

■ 75.1699, 79.8537,
41.8065

■ 65.6654, 67.9675,
16.6798

■ 79.3304, 84.4219,
54.7631

■ 63.3785, 64.5632,
12.3119

■ 84.0345, 89.3139,
70.2535

■ 61.4633, 61.4084,
9.5910

■ 89.3070, 94.5408,
88.4060

■ 59.8488, 58.4734, 95.0499, 100.0000,
8.1466 108.9000

■ 59.8185, 58.4171,
8.1229

Harmonies

Analogous

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



84.1002, 75.5939, 36.0079



71.5240, 75.5939, 31.2434



60.3463, 75.5939, 36.5490

Triad

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



71.5240, 75.5939, 31.2434



53.2856, 75.5939, 122.3459



94.6825, 75.5939, 120.2503

Complementary

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



71.5240, 75.5939, 31.2434



39.5225, 36.9495, 99.6564

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.



84.7293, 75.5939, 155.8280



71.5240, 75.5939, 31.2434



60.8507, 75.5939, 157.2622

Square

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



71.5240, 75.5939, 31.2434



50.5872, 75.5939, 83.2467



72.1765, 75.5939, 170.9797



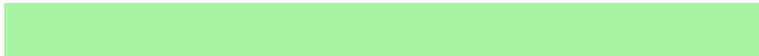
98.3645, 75.5939, 81.3781

Rectangle

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



71.5240, 75.5939, 31.2434



54.9461, 75.5939, 46.3057



72.1765, 75.5939, 170.9797



91.9069, 75.5939, 133.3460

Sweetspot

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



71.5258, 75.5975, 31.2449



86.4945, 91.7821, 78.6322



55.4693, 39.3029, 38.7838



18.2788, 19.4112, 16.0270



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.



71.5258, 75.5975, 31.2449



68.3112, 71.5652, 22.7834



70.8223, 89.1450, 33.8970



19.1510, 20.2702, 19.0475



31.3818, 30.7749, 4.2861



3.1425, 3.1703, 0.4463

Inverse Universe

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



39.5225, 36.9495, 99.6564



32.9872, 28.9602, 98.4590



39.7984, 29.8912, 98.2795



17.3748, 18.1212, 22.8319



10.4958, 5.9012, 50.0204



1.1045, 0.7397, 4.8978

Previews

White Background



This preview shows how the XYZ color 71.5240, 75.5939, 31.2434 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 71.5240, 75.5939, 31.2434 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 71.5240, 75.5939, 31.2434

Background



This preview shows how black text looks on a background with the XYZ color 71.5240, 75.5939, 31.2434.



This preview shows how white text looks on a background with the XYZ color 71.5240, 75.5939,

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

71.5240, 75.5939, 31.2434

Protanopia

69.5166, 75.7518, 31.7265

Deuteranopia

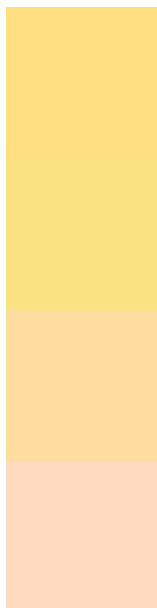
74.9699, 75.7011, 53.3083



Tritanopia

79.4056, 75.4069, 83.0429

Trichromacy



Original Color

71.5240, 75.5939, 31.2434

Protanomaly

70.3120, 75.7594, 31.6861

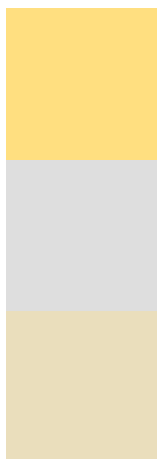
Deuteranomaly

73.4416, 75.5110, 43.9620

Tritanomaly

75.7154, 75.1644, 59.8078

Monochromacy



Original Color

71.5240, 75.5939, 31.2434

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.1301, 73.3658, 58.0944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5240, 75.5939, 31.2434 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, 223, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 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, 223, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 128) }
```

Border

The CSS property to change the border of an element to XYZ 71.5240, 75.5939, 31.2434 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, 223, 128) }
```


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

```
.border{ border-color:rgb(255, 223, 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, 223, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5240, 75.5939, 31.2434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 128) }
```

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

```
.background{ background-color: rgb(255,  
223, 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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