

Converting Colors

XYZ(70.5315, 76.7174, 30.1593)

Have a look what the booklet for
XYZ(70.5315, 76.7174, 30.1593)
contains.

XYZ(70.5315, 76.7174, 30.1593) 3
Conversions 4
Details 6
Harmonies 12
Previews 24
Color Blindness Simulation 28
CSS Examples 31

Color

**XYZ(70.5315, 76.7174,
30.1593)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FAE37C |
| RGB | 250, 227, 124 |
| RGB Percent | 98%, 89%, 49% |
| CMY | 0.0196, 0.1098, 0.5137 |
| CMYK | 0.00, 0.09, 0.50, 0.02 |
| HSL | 49°, 93%, 73% |
| HSV | 49°, 50%, 98% |
| XYZ | 70.5315, 76.7174, 30.1593 |
| YIQ | 222.1350, 46.7710, -27.1570 |

Conversions

Conversions Part 2

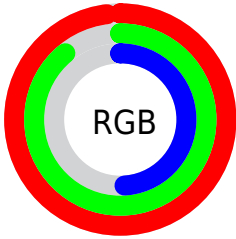
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 152, 250, 124 |
| Decimal | 16442236 |
| CIELab | 90.19, -5.05, 52.72 |
| CIELCh | 90, 52.958, 95.470 |
| Yxy | 76.7174, 0.3976, 0.4324 |
| Android (android.graphics.Color) | 4294632316 (0xFFFAE37C) |
| YUV | 222.1350, -48.3806, 24.4376 |
| Hunter-Lab | 87.5885, -9.5409, 40.8966 |

Details

The XYZ color **70.5315, 76.7174, 30.1593** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **36.0009, 32.0536, 94.7316**, and the grayscale version is **69.8363, 73.4732, 80.0123**.

A 20% lighter version of the original color is **85.1367, 96.0347, 56.6972**, and **37.4081, 41.0493, 12.0826** is the 20% darker color. If you saturate the color by 10%, you get **67.9159, 73.7037, 22.4518**, and if you desaturate by 10%, it is **73.5846, 79.9647, 39.9914**.

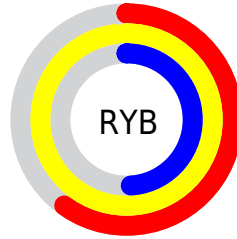
Distribution



Red (98%)

Green (89%)

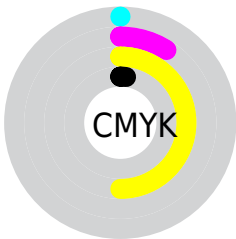
Blue (49%)



Red (60%)

Yellow (98%)

Blue (49%)

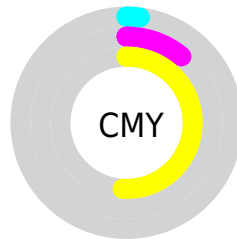


Cyan (0%)

Magenta (9%)

Yellow (50%)

Black (2%)



Cyan (2%)

Magenta (11%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.5315, 76.7174, 30.1593 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 70.5315, 76.7174, 30.1593 by changing the saturation by 10% instead.

70.5315, 76.7174,
30.1593

70.5315, 76.7174,
30.1593

451.6514,
483.8000, 316.8767

52.2411, 57.0210,
19.7065

118.9885,
128.7405, 60.9780

37.4223, 41.0221,
11.9999

149.8859,
161.8359, 82.1809

25.7098, 28.3363,
6.6211

185.7163,
200.1665, 107.8043

16.7382, 18.5793,
3.1514

226.8451,
244.1166, 138.2666

10.1422, 11.3667,
1.1725

273.6377,
294.0706, 173.9865

5.5563, 6.3141,
0.0000

326.4593,

2.6153, 3.0370,

350.4129, 215.3824

0.0000

385.6754,
413.5279, 262.8730

■ 0.9538, 1.1511,
0.0000

■ 0.0000, 0.0212,
0.0000

■ 70.5315, 76.7174,
30.1593

■ 70.5315, 76.7174,
30.1593

■ 67.9159, 73.7037,
22.4518

■ 73.5846, 79.9647,
39.9914

■ 65.7012, 70.9001,
16.7013


■ 77.0976, 83.4464,
52.0891


■ 63.8534, 68.2953,
12.7229


■ 81.0979, 87.1767,
66.5870


■ 62.3302, 65.8720,
10.2937

■ 85.6088, 91.1654,
83.6075

 61.1069, 63.6893,
9.0726

 90.6525, 95.4216,
103.2650

 93.0367, 98.6689,
108.7492

 93.2342, 99.0639,
108.8150

Harmonies

Analogous

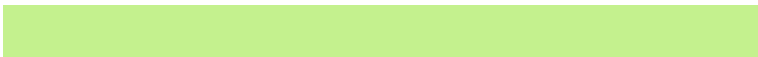
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.9382, 76.7174, 33.4200



70.5315, 76.7174, 30.1593



59.1950, 76.7174, 37.3138

Triad

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



70.5315, 76.7174, 30.1593



54.1863, 76.7174, 133.0478



98.4513, 76.7174, 117.3841

Complementary

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



70.5315, 76.7174, 30.1593



36.0009, 32.0536, 94.7316

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.



88.6122, 76.7174, 157.5632



70.5315, 76.7174, 30.1593



62.9065, 76.7174, 168.3486

Square

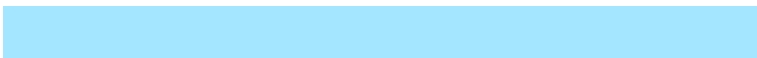
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.5315, 76.7174, 30.1593



50.5136, 76.7174, 90.6340



75.3569, 76.7174, 178.4560



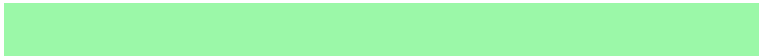
101.1249, 76.7174, 76.8115

Rectangle

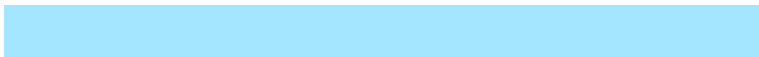
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.5315, 76.7174, 30.1593



53.9912, 76.7174, 48.8136



75.3569, 76.7174, 178.4560



95.8188, 76.7174, 131.7238

Sweetspot

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



70.5333, 76.7210, 30.1609



87.3054, 93.4037, 78.9025



51.9067, 36.8497, 32.0228



18.4755, 19.8046, 16.0926



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.



70.5333, 76.7210, 30.1609



71.1290, 77.2008, 23.7227



64.4307, 83.5427, 31.7992



18.4422, 19.6204, 18.2775



32.5112, 33.9790, 4.8451



3.0788, 3.2824, 0.4713

Inverse Universe

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



36.0009, 32.0536, 94.7316



31.5016, 25.9890, 97.9638



39.7529, 29.2002, 93.9831



16.5392, 17.1552, 21.8249



9.7373, 4.8302, 48.3927



0.9693, 0.5823, 4.5045

Previews

White Background



This preview shows how the XYZ color 70.5315, 76.7174, 30.1593 looks on a white background.

Color Contrast Check

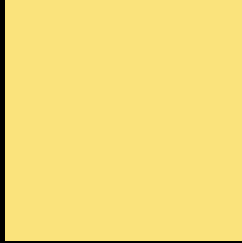
Large Text (above 18pt) WCAG AA × Fail

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 70.5315, 76.7174, 30.1593 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 70.5315, 76.7174, 30.1593

Background



This preview shows how black text looks on a background with the XYZ color 70.5315, 76.7174, 30.1593.



This preview shows how white text looks on a background with the XYZ color 70.5315, 76.7174,

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

70.5315, 76.7174, 30.1593

Protanopia

70.5315, 76.7174, 30.1593

Deuteranopia

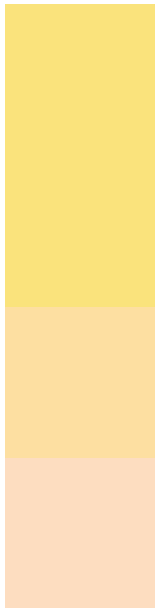
75.5399, 76.3503, 55.0117



Tritanopia

80.4767, 76.6552, 86.1557

Trichromacy



Original Color

70.5315, 76.7174, 30.1593

Protanomaly

70.5315, 76.7174, 30.1593

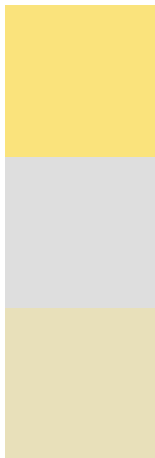
Deuteranomaly

73.3287, 76.2312, 44.5675

Tritanomaly

75.8789, 76.4013, 60.6169

Monochromacy



Original Color

70.5315, 76.7174, 30.1593

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.7973, 74.0123, 57.1142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.5315, 76.7174, 30.1593 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(250, 227, 124)` looks like.

```
.text, #text, p{  
    color:rgb(250, 227, 124)  
}
```

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(250, 227, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 227, 124) }
```

Border

The CSS property to change the border of an element to XYZ 70.5315, 76.7174, 30.1593 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(250, 227, 124) }
```


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

```
.border{ border-color:rgb(250, 227, 124) }
```

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

Here you see how a box with a 4 pixel rgb(250, 227, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 227, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 227, 124);  
box-shadow:4px 4px 4px 4px rgb(250, 227,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 70.5315, 76.7174, 30.1593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 227, 124) }
```

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

```
.background{ background-color: rgb(250,  
227, 124) }
```

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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