

Converting Colors

XYZ(74.1593, 80.7241, 32.5548)

Have a look what the booklet for
XYZ(74.1593, 80.7241, 32.5548)
contains.

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Color

**XYZ(74.0591, 80.5582,
32.4148)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE881
RGB	255, 232, 129
RGB Percent	100%, 91%, 51%
CMY	0.0000, 0.0902, 0.4941
CMYK	0.00, 0.09, 0.49, 0.00
HSL	49°, 100%, 75%
HSV	49°, 49%, 100%
XYZ	74.0591, 80.5582, 32.4148
YIQ	227.1350, 46.7710, -27.1570

Conversions

Conversions Part 2

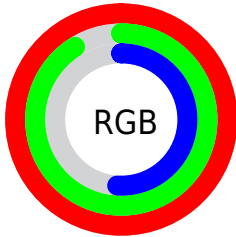
Format	Color
R _Y B	157, 255, 129
Decimal	16771201
CIE Lab	91.93, -5.14, 52.55
CIE LCh	92, 52.801, 95.585
Yxy	80.5582, 0.3960, 0.4307
Android (android.graphics.Color)	4294961281 (0xFFFFE881)
YUV	227.1350, -48.3806, 24.4376
Hunter-Lab	89.7542, -9.7838, 41.4153

Details

The XYZ color **74.0591, 80.5582, 32.4148** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **38.3313, 34.3425, 99.2161**, and the grayscale version is **73.4309, 77.2550, 84.1307**.

A 20% lighter version of the original color is **85.6517, 96.2407, 59.4094**, and **39.7916, 43.7018, 13.1755** is the 20% darker color. If you saturate the color by 10%, you get **71.2792, 77.3809, 24.1439**, and if you desaturate by 10%, it is **77.3005, 83.9816, 42.9278**.

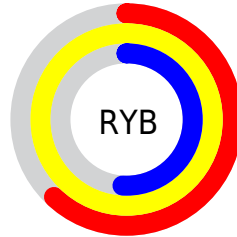
Distribution



Red (100%)

Green (91%)

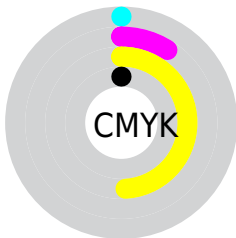
Blue (51%)



Red (62%)

Yellow (100%)

Blue (51%)

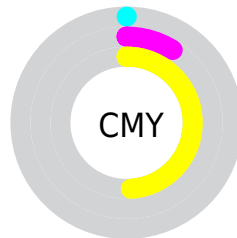


Cyan (0%)

Magenta (9%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.0591, 80.5582, 32.4148 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 74.0591, 80.5582, 32.4148 by changing the saturation by 10% instead.


 74.0591, 80.5582,
32.4148

 74.0591, 80.5582,
32.4148


463.7245,
496.8120, 327.5553


 55.1339, 60.1778,
21.4111


 123.9746,
134.1502, 64.5662

 39.7432, 43.5620,
13.2307


 155.6956,
168.1307, 86.5511

 27.5217, 30.3263,
7.4550


 192.4126,
207.4133, 113.0333

 18.1040, 20.0864,
3.6655

234.4909,
252.3824, 144.4316

 11.1248, 12.4579,
1.4437

282.2959,
303.4224, 181.1643

 6.2188, 7.0563,
0.1754

336.1929,

 3.0205, 3.4973,

360.9178, 223.6502

0.0000

396.5473,
425.2528, 272.3076

■ 1.1646, 1.3966,
0.0000

■ 0.0781, 0.2142,
0.0000

■ 74.0591, 80.5582,
32.4148

■ 74.0591, 80.5582,
32.4148

■ 71.2792, 77.3809,
24.1439

■ 77.3005, 83.9816,
42.9278

■ 68.9227, 74.4250,
17.9411

■ 81.0266, 87.6518,
55.8294

■ 66.9545, 71.6792,
13.6151

■ 85.2659, 91.5836,
71.2597

■ 65.3309, 69.1254,
10.9363

■ 90.0429, 95.7872,
89.3464

■ 63.9847, 66.7363, 95.0499, 100.0000,
9.5522 108.9000

■ 63.9093, 66.5987,
9.4865

Harmonies

Analogous

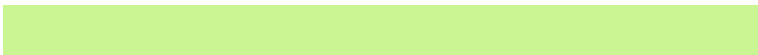
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.8575, 80.5582, 35.7809



74.0591, 80.5582, 32.4148



62.3778, 80.5582, 39.9279

Triad

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



74.0591, 80.5582, 32.4148



57.2633, 80.5582, 138.7282



102.8443, 80.5582, 122.3367

Complementary

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



74.0591, 80.5582, 32.4148



38.3313, 34.3425, 99.2161

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.



92.7622, 80.5582, 163.5222



74.0591, 80.5582, 32.4148



66.2898, 80.5582, 174.7766

Square

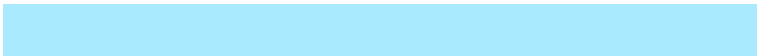
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0591, 80.5582, 32.4148



53.4424, 80.5582, 95.1823



79.1332, 80.5582, 184.9804



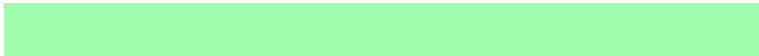
105.5553, 80.5582, 80.6473

Rectangle

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



74.0591, 80.5582, 32.4148



57.0123, 80.5582, 51.9213



79.1332, 80.5582, 184.9804



100.1512, 80.5582, 137.0411

Sweetspot

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



74.0610, 80.5620, 32.4164



87.3054, 93.4037, 78.9025



54.7664, 39.2316, 34.4356



18.4755, 19.8046, 16.0926



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

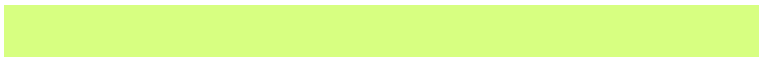
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.0610, 80.5620, 32.4164



71.3849, 77.5071, 24.4416



67.7765, 87.5673, 34.0998



19.2628, 20.4937, 19.0848



33.4959, 35.0030, 4.9908



3.3313, 3.5480, 0.5093

Inverse Universe

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



38.3313, 34.3425, 99.2161



32.0750, 26.7001, 98.0708



42.2417, 31.3454, 98.4315



17.2711, 17.9138, 22.7974



10.0296, 4.9689, 49.8651



1.0454, 0.6215, 4.8781

Previews

White Background



This preview shows how the XYZ color 74.0591, 80.5582, 32.4148 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 74.0591, 80.5582, 32.4148 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 74.0591, 80.5582, 32.4148

Background



This preview shows how black text looks on a background with the XYZ color 74.0591, 80.5582, 32.4148.



This preview shows how white text looks on a background with the XYZ color 74.0591, 80.5582,

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

74.0591, 80.5582, 32.4148

Protanopia

74.0591, 80.5582, 32.4148

Deuteranopia

78.7871, 80.2294, 64.1566



Tritanopia

82.8911, 80.5695, 89.7799

Trichromacy



Original Color

74.0591, 80.5582, 32.4148

Protanomaly

74.0591, 80.5582, 32.4148



Deuteranomaly

76.7057, 80.2772, 50.4819



Tritanomaly

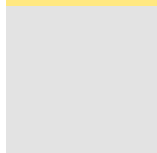
78.6729, 80.1837, 63.5550

Monochromacy



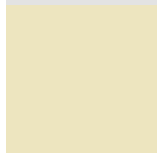
Original Color

74.0591, 80.5582, 32.4148



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 74.0591, 80.5582, 32.4148 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, 129)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 129)  
}
```

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, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 129) }
```

Border

The CSS property to change the border of an element to XYZ 74.0591, 80.5582, 32.4148 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, 129) }
```


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

```
.border{ border-color:rgb(255, 232, 129) }
```

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, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 129);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0591, 80.5582, 32.4148 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, 129) }
```

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

```
.background{ background-color: rgb(255,  
232, 129) }
```

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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