

Converting Colors

XYZ(74.2514, 81.8732, 29.6112)

Have a look what the booklet for
XYZ(74.2514, 81.8732, 29.6112)
contains.

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Color

**XYZ(74.3385, 82.0327,
29.6851)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEB78
RGB	255, 235, 120
RGB Percent	100%, 92%, 47%
CMY	0.0000, 0.0784, 0.5294
CMYK	0.00, 0.08, 0.53, 0.00
HSL	51°, 100%, 74%
HSV	51°, 53%, 100%
XYZ	74.3385, 82.0327, 29.6851
YIQ	227.8700, 48.8350, -31.5250

Conversions

Conversions Part 2

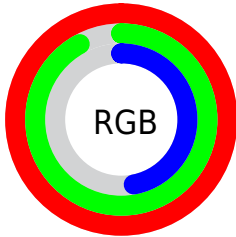
Format	Color
RYB	143, 255, 120
Decimal	16771960
CIELab	92.59, -7.38, 57.54
CIELCh	93, 58.010, 97.311
Yxy	82.0327, 0.3995, 0.4409
Android (android.graphics.Color)	4294962040 (0xFFFFE78)
YUV	227.8700, -53.1799, 23.7930
Hunter-Lab	90.5719, -11.9938, 43.9679

Details

The XYZ color **74.3385, 82.0327, 29.6851** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **35.1736, 29.9683, 98.5381**, and the grayscale version is **74.0011, 77.8550, 84.7841**.

A 20% lighter version of the original color is **84.7379, 95.8751, 54.5970**, and **39.8982, 44.3812, 11.7738** is the 20% darker color. If you saturate the color by 10%, you get **71.9233, 79.3579, 22.2353**, and if you desaturate by 10%, it is **77.1927, 84.9259, 39.3158**.

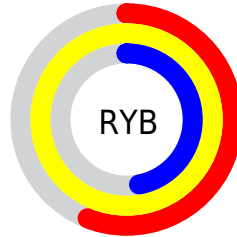
Distribution



Red (100%)

Green (92%)

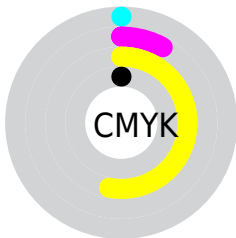
Blue (47%)



Red (56%)

Yellow (100%)

Blue (47%)

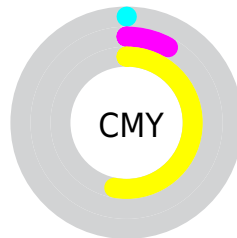


Cyan (0%)

Magenta (8%)

Yellow (53%)

Black (0%)



Cyan (0%)


Magenta (8%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3385, 82.0327, 29.6851 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 74.3385, 82.0327, 29.6851 by changing the saturation by 10% instead.

 74.3385, 82.0327,
29.6851

 74.3385, 82.0327,
29.6851


464.6731,
501.7571, 314.5954


 55.3634, 61.3925,
19.3497


 124.3685,
136.2199, 60.2189

 39.9277, 44.5420,
11.7439


 156.1540,
170.5356, 81.2544

 27.6662, 31.0968,
6.4491

 192.9405,
210.1786, 106.6937

 18.2133, 20.6726,
3.0469

235.0931,
255.5334, 136.9552

 11.2039, 12.8849,
1.1186

282.9774,
306.9842, 172.4576

 6.2724, 7.3493,
0.0000

336.9585,

 3.0537, 3.6815,

364.9155, 213.6194

0.0000

397.4020,
429.7116, 260.8592

■ 1.1822, 1.4970,
0.0000

■ 0.0923, 0.2867,
0.0000

■ 74.3385, 82.0327,
29.6851

■ 74.3385, 82.0327,
29.6851

■ 71.9233, 79.3579,
22.2353

■ 77.1927, 84.9259,
39.3158

■ 69.9074, 76.8762,
16.7848

■ 80.5098, 88.0383,
51.2794

■ 68.2541, 74.5759,
13.1314

■ 84.3192, 91.3847,
65.7202

■ 66.9162, 72.4378,
11.0274

■ 88.6458, 94.9754,
82.7693

■ 66.1131, 71.0064,
10.2211

■ 93.5128, 98.8199,
102.5487

95.0499, 99.9999,
108.9000

Harmonies

Analogous

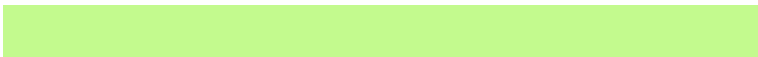
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.6951, 82.0327, 32.5305



74.3385, 82.0327, 29.6851



61.6847, 82.0327, 38.2215

Triad

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



74.3385, 82.0327, 29.6851



57.1104, 82.0327, 149.6873



107.8910, 82.0327, 125.3252

Complementary

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



74.3385, 82.0327, 29.6851



35.1736, 29.9683, 98.5381

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.



96.8946, 82.0327, 172.9646



74.3385, 82.0327, 29.6851



67.3133, 82.0327, 189.9031

Square

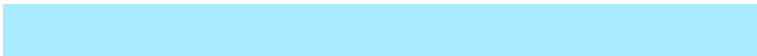
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3385, 82.0327, 29.6851



52.6053, 82.0327, 100.3067



81.7171, 82.0327, 199.5705



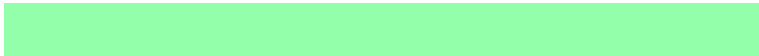
110.4035, 82.0327, 79.1657

Rectangle

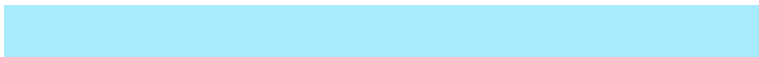
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.3385, 82.0327, 29.6851



56.0278, 82.0327, 51.5644



81.7171, 82.0327, 199.5705



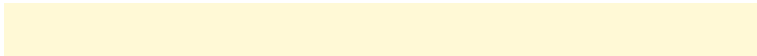
105.0013, 82.0327, 142.0822

Sweetspot

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



74.3405, 82.0365, 29.6868



87.2657, 93.8504, 77.2679



52.7090, 36.5945, 29.1941



18.4857, 19.9286, 15.7768



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

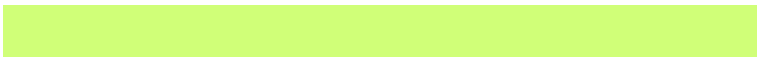
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3405, 82.0365, 29.6868



71.6914, 79.0859, 21.5660



65.0927, 86.2497, 30.9874



19.3185, 20.6052, 19.1033



34.6328, 37.2769, 5.3698



3.4317, 3.7488, 0.5427

Inverse Universe

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



35.1736, 29.9683, 98.5381



28.6856, 21.9689, 97.3363



40.7564, 28.8966, 98.0370



17.2201, 17.8117, 22.7804



9.8545, 4.6186, 49.8067



1.0208, 0.5723, 4.8699

Previews

White Background



This preview shows how the XYZ color 74.3385, 82.0327, 29.6851 looks on a white background.

Color Contrast Check

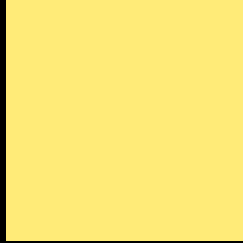
Large Text (above 18pt) WCAG AA × Fail

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 74.3385, 82.0327, 29.6851 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 74.3385, 82.0327, 29.6851

Background



This preview shows how black text looks on a background with the XYZ color 74.3385, 82.0327, 29.6851.

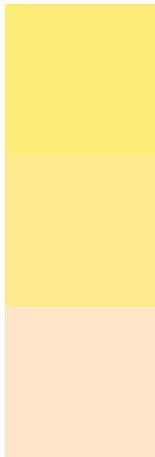


This preview shows how white text looks on a background with the XYZ color 74.3385, 82.0327,

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

74.3385, 82.0327, 29.6851

Protanopia

75.4705, 82.0287, 37.0547

Deuteranopia

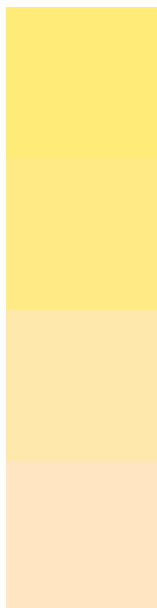
80.0794, 82.0707, 66.8789



Tritanopia

83.7224, 81.7671, 91.4908

Trichromacy



Original Color

74.3385, 82.0327, 29.6851

Protanomaly

74.8965, 81.7991, 34.0316

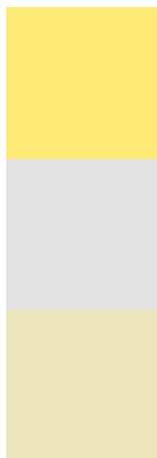
Deuteranomaly

77.5430, 81.9518, 50.7610

Tritanomaly

78.9969, 81.1937, 62.5473

Monochromacy



Original Color

74.3385, 82.0327, 29.6851

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.0211, 79.0031, 59.5446

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3385, 82.0327, 29.6851 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, 235, 120)` looks like.

```
.text, #text, p{  
    color:rgb(255, 235, 120)  
}
```

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, 235, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 235, 120) }
```

Border

The CSS property to change the border of an element to XYZ 74.3385, 82.0327, 29.6851 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, 235, 120) }
```


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

```
.border{ border-color:rgb(255, 235, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 235, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 235, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 235, 120);  
box-shadow:4px 4px 4px 4px rgb(255, 235,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3385, 82.0327, 29.6851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 235, 120) }
```

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

```
.background{ background-color: rgb(255,  
235, 120) }
```

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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