

Converting Colors

XYZ(73.5195, 79.9299, 30.8450)

Have a look what the booklet for
XYZ(73.5195, 79.9299, 30.8450)
contains.

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Color

**XYZ(73.5176, 79.8925,
30.9480)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE77D
RGB	255, 231, 125
RGB Percent	100%, 91%, 49%
CMY	0.0000, 0.0941, 0.5098
CMYK	0.00, 0.09, 0.51, 0.00
HSL	49°, 100%, 75%
HSV	49°, 51%, 100%
XYZ	73.5176, 79.8925, 30.9480
YIQ	226.0920, 48.3300, -27.8780

Conversions

Conversions Part 2

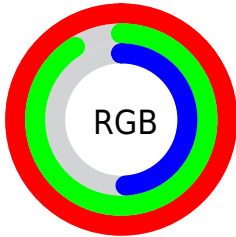
Format	Color
RYB	154, 255, 125
Decimal	16770941
CIELab	91.64, -4.98, 54.08
CIELCh	92, 54.310, 95.258
Yxy	79.8925, 0.3988, 0.4334
Android (android.graphics.Color)	4294961021 (0xFFFFE77D)
YUV	226.0920, -49.8384, 25.3523
Hunter-Lab	89.3826, -9.6025, 42.0391

Details

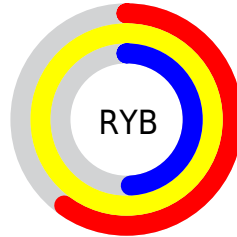
The XYZ color **73.5176, 79.8925, 30.9480** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **37.2546, 33.0738, 99.0278**, and the grayscale version is **72.6818, 76.4669, 83.2725**.

A 20% lighter version of the original color is **85.2382, 96.0753, 57.2319**, and **39.4600, 43.2543, 12.4000** is the 20% darker color. If you saturate the color by 10%, you get **70.7942, 76.7266, 23.0093**, and if you desaturate by 10%, it is **76.6984, 83.3040, 41.1038**.

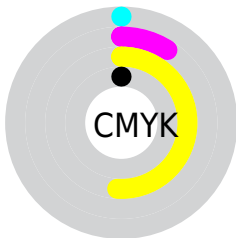
Distribution



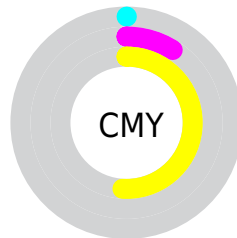
- Red (100%)
- Green (91%)
- Blue (49%)



- Red (60%)
- Yellow (100%)
- Blue (49%)



- Cyan (0%)
- Magenta (9%)
- Yellow (51%)
- Black (0%)





- Cyan (0%)
- Magenta (9%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.5176, 79.8925, 30.9480 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 73.5176, 79.8925, 30.9480 by changing the saturation by 10% instead.


 73.5176, 79.8925,
30.9480

 73.5176, 79.8925,
30.9480


461.8828,
494.5705, 320.6425


 54.6892, 59.6299,
20.3011


 123.2109,
133.2146, 62.2368

 39.3858, 43.1204,
12.4279


 154.8065,
167.0429, 83.7158

 27.2420, 29.9796,
6.9097


 191.3886,
206.1618, 109.6426

 17.8926, 19.8231,
3.3281

233.3224,
250.9558, 140.4358

 10.9721, 12.2665,
1.2645

280.9734,
301.8093, 176.5138

 6.1153, 6.9255,
0.0324

334.7069,

 2.9566, 3.4155,

359.1066, 218.2952

0.0000

394.8883,
423.2322, 266.1986

■ 1.1309, 1.3523,
0.0000

■ 0.0507, 0.1812,
0.0000

■ 73.5176, 79.8925,
30.9480

■ 73.5176, 79.8925,
30.9480

■ 70.7942, 76.7266,
23.0093

■ 76.6984, 83.3040,
41.1038

■ 68.4895, 73.7814,
17.1105

■ 80.3604, 86.9621,
53.6257

■ 66.5677, 71.0452,
13.0556

■ 84.5323, 90.8817,
68.6556

■ 64.9833, 68.4993,
10.6075

■ 89.2389, 95.0732,
86.3226

■ 63.7800, 66.3402,
9.4434

94.5034, 99.5462,
106.7472

95.0499, 99.9999,
108.9000

Harmonies

Analogous

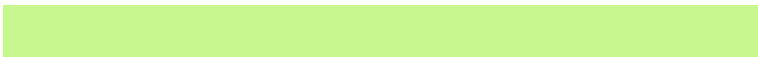
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.6521, 79.8925, 34.4296



73.5176, 79.8925, 30.9480



61.5583, 79.8925, 38.3422

Triad

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



73.5176, 79.8925, 30.9480



56.1753, 79.8925, 138.9440



102.8208, 79.8925, 123.0284

Complementary

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



73.5176, 79.8925, 30.9480



37.2546, 33.0738, 99.0278

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.



92.3931, 79.8925, 165.4418



73.5176, 79.8925, 30.9480



65.3124, 79.8925, 176.4203

Square

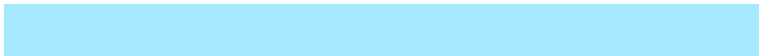
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.5176, 79.8925, 30.9480



52.3557, 79.8925, 94.1780



78.4057, 79.8925, 187.3565



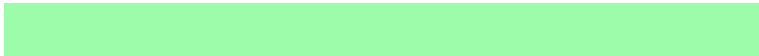
105.7061, 79.8925, 80.1761

Rectangle

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



73.5176, 79.8925, 30.9480



56.0625, 79.8925, 50.3213



78.4057, 79.8925, 187.3565



100.0241, 79.8925, 138.1745

Sweetspot

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



73.5195, 79.8962, 30.9496



87.2809, 93.3549, 78.8944



54.1600, 38.1623, 33.7906



18.4696, 19.7928, 16.0906



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

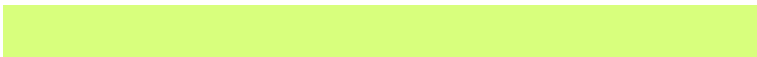
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.5195, 79.8962, 30.9496



70.7892, 76.7205, 22.9950



67.7808, 87.5996, 32.7390



19.2594, 20.4870, 19.0836



33.4292, 34.8695, 4.9686



3.3254, 3.5362, 0.5073

Inverse Universe

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



37.2546, 33.0738, 99.0278



30.9849, 25.3780, 97.8731



40.6942, 29.7807, 98.2109



17.2742, 17.9199, 22.7984



10.0414, 4.9923, 49.8690



1.0470, 0.6246, 4.8787

Previews

White Background



This preview shows how the XYZ color 73.5176, 79.8925, 30.9480 looks on a white background.

Color Contrast Check

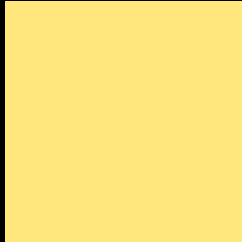
Large Text (above 18pt) WCAG AA × Fail

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 73.5176, 79.8925, 30.9480 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 73.5176, 79.8925, 30.9480

Background



This preview shows how black text looks on a background with the XYZ color 73.5176, 79.8925, 30.9480.



This preview shows how white text looks on a background with the XYZ color 73.5176, 79.8925,

30.9480.

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

73.5176, 79.8925, 30.9480

Protanopia

73.1506, 79.7033, 30.9309

Deuteranopia

78.1740, 79.5478, 62.2730



Tritanopia

82.4790, 79.9759, 88.9317

Trichromacy



Original Color

73.5176, 79.8925, 30.9480

Protanomaly

73.1506, 79.7033, 30.9309



Deuteranomaly

76.1448, 79.6114, 48.8894



Tritanomaly

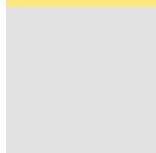
78.1740, 79.5478, 62.2730

Monochromacy



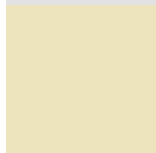
Original Color

73.5176, 79.8925, 30.9480



Achromatopsia

72.2879, 76.0525, 82.8211



Achromatomaly

71.8538, 77.1655, 59.2514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5176, 79.8925, 30.9480 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, 231, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 125)  
}
```

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, 231, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 125) }
```

Border

The CSS property to change the border of an element to XYZ 73.5176, 79.8925, 30.9480 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, 231, 125) }
```


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

```
.border{ border-color:rgb(255, 231, 125) }
```

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

Here you see how a box with a 4 pixel rgb(255, 231, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5176, 79.8925, 30.9480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 125) }
```

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

```
.background{ background-color: rgb(255,  
231, 125) }
```

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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