

Converting Colors

XYZ(74.4594, 79.3217, 47.5984)

Have a look what the booklet for
XYZ(74.4594, 79.3217, 47.5984)
contains.

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Color

**XYZ(74.3266, 79.1158,
47.4298)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE5A6
RGB	250, 229, 166
RGB Percent	98%, 90%, 65%
CMY	0.0196, 0.1019, 0.3490
CMYK	0.00, 0.08, 0.34, 0.02
HSL	45°, 89%, 82%
HSV	45°, 34%, 98%
XYZ	74.3266, 79.1158, 47.4298
YIQ	228.0970, 32.7390, -15.1410

Conversions

Conversions Part 2

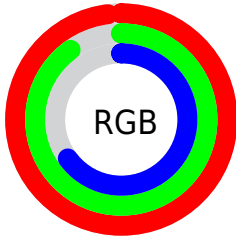
Format	Color
RYB	194, 250, 166
Decimal	16442790
CIELab	91.29, -1.79, 33.37
CIELCh	91, 33.415, 93.073
Yxy	79.1158, 0.3700, 0.3939
Android (android.graphics.Color)	4294632870 (0xFFFAE5A6)
YUV	228.0970, -30.6138, 19.2089
Hunter-Lab	88.9471, -6.4979, 30.6474

Details

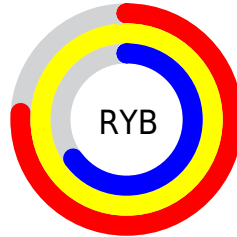
The XYZ color **74.3266, 79.1158, 47.4298** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **50.7511, 50.5483, 97.5245**, and the grayscale version is **74.0157, 77.8703, 84.8007**.

A 20% lighter version of the original color is **90.1848, 98.0539, 83.2803**, and **39.8549, 42.6708, 21.7585** is the 20% darker color. If you saturate the color by 10%, you get **70.5554, 74.8933, 35.9373**, and if you desaturate by 10%, it is **78.6099, 83.6483, 61.2940**.

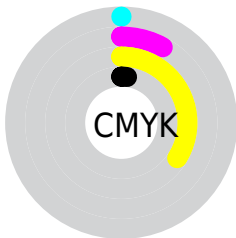
Distribution



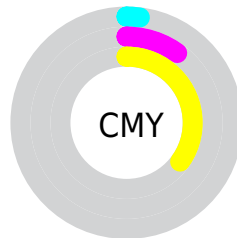
- Red (98%)
- Green (90%)
- Blue (65%)



- Red (76%)
- Yellow (98%)
- Blue (65%)



- Cyan (0%)
- Magenta (8%)
- Yellow (34%)
- Black (2%)





- Cyan (2%)
- Magenta (10%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3266, 79.1158, 47.4298 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 74.3266, 79.1158, 47.4298 by changing the saturation by 10% instead.


 74.3266, 79.1158,
47.4298


 74.3266, 79.1158,
47.4298


464.6327,
491.9480, 392.9708

 55.3536, 58.9910,
33.0188


 124.3517,
132.1219, 87.7115

 39.9199, 42.6059,
21.8696


 156.1345,
165.7720, 114.4193

 27.6600, 29.5760,
13.5637


192.9180,
204.6993, 146.0631

 18.2087, 19.5170,
7.6826

235.0675,
249.2882, 183.0614

 11.2005, 12.0444,
3.8077

282.9484,
299.9231, 225.8328

 6.2701, 6.7740,
1.5204

336.9259,

 3.0522, 3.3211,

356.9885, 274.7958

0.2331

397.3656,
420.8686, 330.3690

■ 1.1815, 1.3016,
0.0000

■ 0.0917, 0.1424,
0.0000

■ 74.3266, 79.1158,
47.4298

■ 74.3266, 79.1158,
47.4298

■ 70.5554, 74.8933,
35.9373

■ 78.6099, 83.6483,
61.2940

■ 67.2636, 70.9584,
26.6748

■ 83.4237, 88.4908,
77.6507

■ 64.4240, 67.3018,
19.4930

■ 88.7929, 93.6570,
96.6185

■ 62.0038, 63.9094,
14.2224

■ 92.9161, 98.4274,
108.7089

■ 59.9651, 60.7649,
10.6663

■ 93.2344, 99.0640,
108.8150

■ 58.2616, 57.8488,
8.5855

■ 57.3046, 56.0845,
7.8051

Harmonies

Analogous

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



82.8232, 79.1158, 50.8644



74.3266, 79.1158, 47.4298



66.6478, 79.1158, 52.6464

Triad

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



74.3266, 79.1158, 47.4298



62.3479, 79.1158, 114.2140



90.6873, 79.1158, 109.0613

Complementary

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



74.3266, 79.1158, 47.4298



50.7511, 50.5483, 97.5245

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.



84.4482, 79.1158, 131.4847



74.3266, 79.1158, 47.4298



68.0543, 79.1158, 134.8308

Square

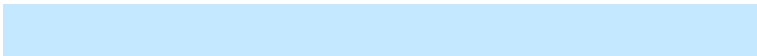
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3266, 79.1158, 47.4298



60.0660, 79.1158, 88.6710



76.0746, 79.1158, 141.6758



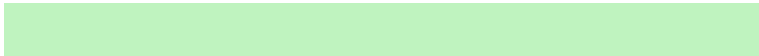
92.6774, 79.1158, 83.6648

Rectangle

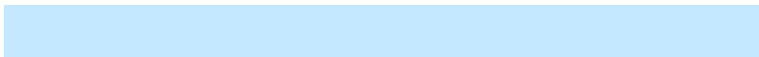
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.3266, 79.1158, 47.4298



62.9044, 79.1158, 61.0299



76.0746, 79.1158, 141.6758



88.9954, 79.1158, 117.3454

Sweetspot

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



74.3286, 79.1194, 47.4314



89.2132, 94.4660, 88.0270



62.0308, 51.1851, 53.6250



18.9300, 20.0591, 18.2618



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

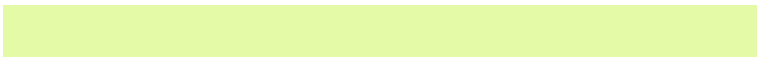
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.3286, 79.1194, 47.4314



75.1496, 79.8795, 41.5945



73.3821, 87.7827, 49.1535



18.3385, 19.4129, 18.2429



30.5163, 29.9893, 4.1801



2.9101, 2.9450, 0.4151

Inverse Universe

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



50.7511, 50.5483, 97.5245



47.2055, 46.0297, 101.0044



51.3859, 44.7403, 96.3700



16.6355, 17.3477, 21.8570



10.1758, 5.7071, 48.5388



1.0227, 0.6891, 4.5223

Previews

White Background



This preview shows how the XYZ color 74.3266, 79.1158, 47.4298 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 74.3266, 79.1158, 47.4298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

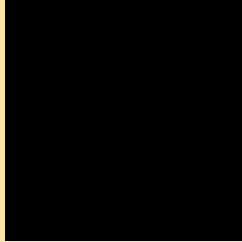
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.3266, 79.1158, 47.4298

Background



This preview shows how black text looks on a background with the XYZ color 74.3266, 79.1158, 47.4298.



This preview shows how white text looks on a background with the XYZ color 74.3266, 79.1158,

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

74.3266, 79.1158, 47.4298

Protanopia

73.5375, 79.1210, 47.4724

Deuteranopia

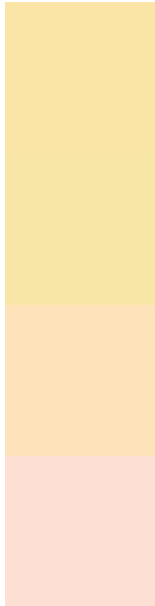
78.3583, 79.1876, 64.5809



Tritanopia

82.2368, 79.0290, 90.2767

Trichromacy



Original Color

74.3266, 79.1158, 47.4298

Protanomaly

73.8911, 79.3033, 47.4890

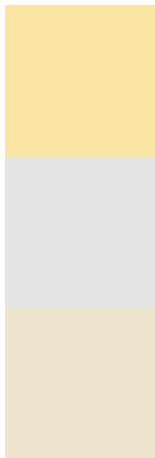
Deuteranomaly

76.5673, 78.8205, 57.6327

Tritanomaly

78.9215, 78.8971, 72.6971

Monochromacy



Original Color

74.3266, 79.1158, 47.4298

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.3549, 77.7275, 68.8943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3266, 79.1158, 47.4298 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, 229, 166)` looks like.

```
.text, #text, p{  
    color:rgb(250, 229, 166)  
}
```

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, 229, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 229, 166) }
```

Border

The CSS property to change the border of an element to XYZ 74.3266, 79.1158, 47.4298 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, 229, 166) }
```


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

```
.border{ border-color:rgb(250, 229, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 229, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 229, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 229, 166);  
box-shadow:4px 4px 4px 4px rgb(250, 229,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3266, 79.1158, 47.4298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 229, 166) }
```

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

```
.background{ background-color: rgb(250,  
229, 166) }
```

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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