

Converting Colors

XYZ(73.4726, 79.5203, 39.1149)

Have a look what the booklet for
XYZ(73.4726, 79.5203, 39.1149)
contains.

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Color

**XYZ(73.6260, 79.7676,
39.1199)**

Conversions

Conversions Part 1

Format	Color
Hex	FBE793
RGB	251, 231, 147
RGB Percent	98%, 91%, 58%
CMY	0.0157, 0.0941, 0.4235
CMYK	0.00, 0.08, 0.41, 0.02
HSL	48°, 93%, 78%
HSV	48°, 41%, 98%
XYZ	73.6260, 79.7676, 39.1199
YIQ	227.4040, 38.8840, -21.8840

Conversions

Conversions Part 2

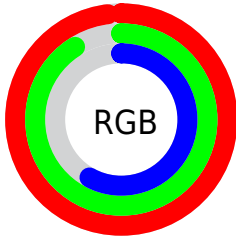
Format	Color
R _Y B	172, 251, 147
Decimal	16508819
CIE Lab	91.58, -4.51, 43.30
CIE LCh	92, 43.536, 95.946
Yxy	79.7676, 0.3824, 0.4143
Android (android.graphics.Color)	4294698899 (0xFFFBE793)
YUV	227.4040, -39.6392, 20.6937
Hunter-Lab	89.3127, -9.1486, 36.5493

Details

The XYZ color **73.6260, 79.7676, 39.1199** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **43.2636, 40.8042, 96.8624**, and the grayscale version is **73.5695, 77.4008, 84.2895**.

A 20% lighter version of the original color is **87.6607, 97.0443, 69.9883**, and **39.5832, 43.2143, 17.0814** is the 20% darker color. If you saturate the color by 10%, you get **70.5360, 76.4031, 29.4103**, and if you desaturate by 10%, it is **77.1869, 83.3858, 51.1082**.

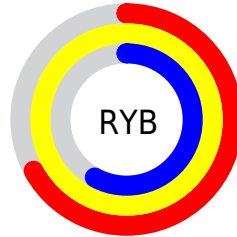
Distribution



Red (98%)

Green (91%)

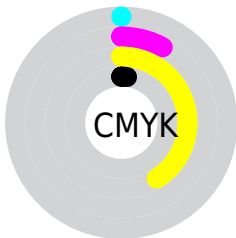
Blue (58%)



Red (67%)

Yellow (98%)

Blue (58%)

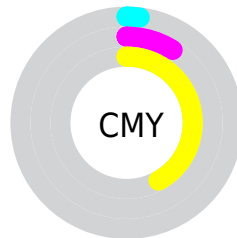


Cyan (0%)

Magenta (8%)

Yellow (41%)

Black (2%)



Cyan (2%)


Magenta (9%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.6260, 79.7676, 39.1199 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 73.6260, 79.7676, 39.1199 by changing the saturation by 10% instead.

 73.6260, 79.7676,
39.1199

 73.6260, 79.7676,
39.1199


462.2518,
494.1493, 357.8412

 54.7782, 59.5271,
26.5445


 123.3638,
133.0389, 75.0438

 39.4573, 43.0376,
17.0020


 154.9846,
166.8386, 99.2294

 27.2980, 29.9146,
10.0739


191.5937,
205.9268, 128.1220

 17.9349, 19.7738,
5.3418

233.5565,
250.6879, 162.1404

 11.0027, 12.2307,
2.3869

281.2383,
301.5063, 201.7029

 6.1359, 6.9010,
0.7793

335.0046,

 2.9694, 3.4003,

358.7664, 247.2282

0.0000

395.2207,
422.8526, 299.1348

■ 1.1376, 1.3441,
0.0000

■ 0.0562, 0.1750,
0.0000

■ 73.6260, 79.7676,
39.1199

■ 73.6260, 79.7676,
39.1199

■ 70.5360, 76.4031,
29.4103

■ 77.1869, 83.3858,
51.1082

■ 67.8825, 73.2694,
21.8256

■ 81.2388, 87.2576,
65.5056

■ 65.6355, 70.3570,
16.2010

■ 85.8076, 91.3967,
82.4387

■ 63.7584, 67.6507,
12.3449

■ 90.9157, 95.8124,
102.0234

■ 62.2072, 65.1324,
10.0273

■ 93.5936, 99.2492,
108.8318

■ 61.0794, 63.1009,
8.9605

Harmonies

Analogous

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



84.8582, 79.7676, 42.1208



73.6260, 79.7676, 39.1199



63.9592, 79.7676, 46.1538

Triad

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



73.6260, 79.7676, 39.1199



59.8093, 79.7676, 127.9285



97.0367, 79.7676, 114.2423

Complementary

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



73.6260, 79.7676, 39.1199



43.2636, 40.8042, 96.8624

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.



89.0560, 79.7676, 146.3697



73.6260, 79.7676, 39.1199



67.4414, 79.7676, 155.5262

Square

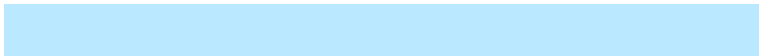
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.6260, 79.7676, 39.1199



56.4986, 79.7676, 93.3441



78.0505, 79.7676, 162.9888



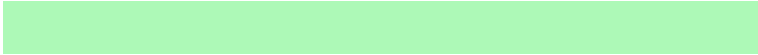
99.1017, 79.7676, 80.6707

Rectangle

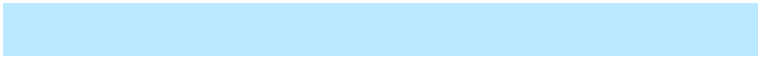
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.6260, 79.7676, 39.1199



59.4647, 79.7676, 56.9104



78.0505, 79.7676, 162.9888



94.9213, 79.7676, 125.7990

Sweetspot

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



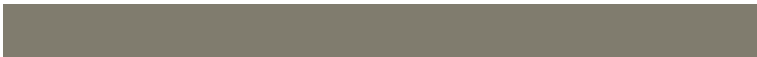
73.6280, 79.7713, 39.1215



88.6608, 94.4874, 84.3707



57.2671, 44.1972, 42.4617



18.8387, 20.1011, 17.5391



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

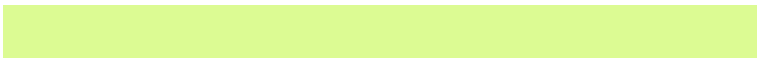
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.6280, 79.7713, 39.1215



73.5363, 79.6711, 31.7522



69.2187, 86.2855, 40.6113



18.4272, 19.5902, 18.2725



32.2089, 33.3744, 4.7443



3.0534, 3.2316, 0.4628

Inverse Universe

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



43.2636, 40.8042, 96.8624



38.1072, 34.2308, 99.2065



46.2531, 37.3221, 96.0327



16.5531, 17.1830, 21.8295



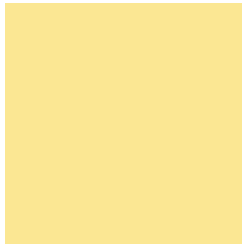
9.7921, 4.9397, 48.4109



0.9764, 0.5964, 4.5068

Previews

White Background



This preview shows how the XYZ color 73.6260, 79.7676, 39.1199 looks on a white background.

Color Contrast Check

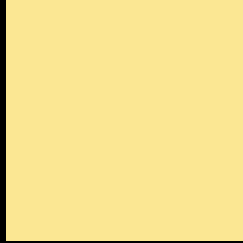
Large Text (above 18pt) WCAG AA × Fail

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 73.6260, 79.7676, 39.1199 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 73.6260, 79.7676, 39.1199

Background



This preview shows how black text looks on a background with the XYZ color 73.6260, 79.7676, 39.1199.



This preview shows how white text looks on a background with the XYZ color 73.6260, 79.7676,

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

73.6260, 79.7676, 39.1199

Protanopia

73.6260, 79.7676, 39.1199

Deuteranopia

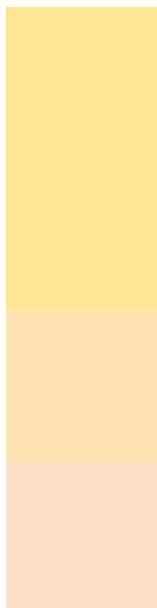
78.4002, 79.6382, 63.4641



Tritanopia

82.5016, 79.5587, 90.3649

Trichromacy



Original Color

73.6260, 79.7676, 39.1199

Protanomaly

73.6260, 79.7676, 39.1199

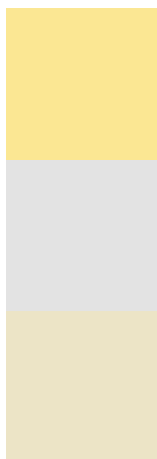
Deuteranomaly

76.6523, 79.7720, 53.4770

Tritanomaly

78.6973, 79.2809, 68.2817

Monochromacy



Original Color

73.6260, 79.7676, 39.1199

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.5285, 77.3969, 64.5425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6260, 79.7676, 39.1199 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(251, 231, 147)` looks like.

```
.text, #text, p{  
    color:rgb(251, 231, 147)  
}
```

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(251, 231, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 231, 147) }
```

Border

The CSS property to change the border of an element to XYZ 73.6260, 79.7676, 39.1199 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(251, 231, 147) }
```


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

```
.border{ border-color:rgb(251, 231, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 231, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 231, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 231, 147);  
box-shadow:4px 4px 4px 4px rgb(251, 231,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6260, 79.7676, 39.1199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 231, 147) }
```

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

```
.background{ background-color: rgb(251,  
231, 147) }
```

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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