

Converting Colors

XYZ(164.1340, 123.6871,
41.9498)

Have a look what the booklet for
XYZ(164.1340, 123.6871, 41.9498)
contains.

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Color

**XYZ(73.0065, 76.6156,
37.7285)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE091
RGB	255, 224, 145
RGB Percent	100%, 88%, 57%
CMY	0.0000, 0.1215, 0.4314
CMYK	0.00, 0.12, 0.43, 0.00
HSL	43°, 100%, 78%
HSV	43°, 43%, 100%
XYZ	73.0065, 76.6156, 37.7285
YIQ	224.2630, 43.8350, -17.9970

Conversions

Conversions Part 2

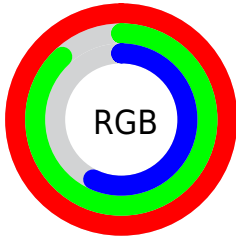
Format	Color
R _Y B	188, 255, 145
Decimal	16769169
CIE Lab	90.14, 0.39, 42.53
CIE LCh	90, 42.534, 89.477
Yxy	76.6156, 0.3897, 0.4089
Android (android.graphics.Color)	4294959249 (0xFFFFE091)
YUV	224.2630, -39.0767, 26.9563
Hunter-Lab	87.5303, -4.2965, 35.7153

Details

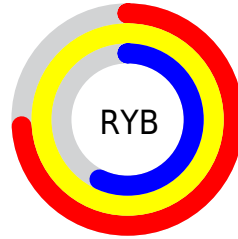
The XYZ color **73.0065, 76.6156, 37.7285** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.2520, 44.2890, 100.7713**, and the grayscale version is **71.2901, 75.0028, 81.6780**.

A 20% lighter version of the original color is **87.4253, 96.9501, 68.7490**, and **38.9287, 40.9020, 16.1990** is the 20% darker color. If you saturate the color by 10%, you get **69.3669, 72.1377, 27.8793**, and if you desaturate by 10%, it is **77.1728, 81.4404, 49.9320**.

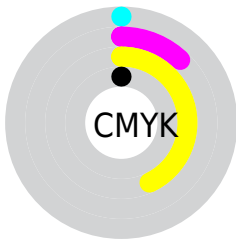
Distribution



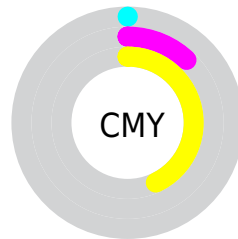
- Red (100%)
- Green (88%)
- Blue (57%)



- Red (74%)
- Yellow (100%)
- Blue (57%)



- Cyan (0%)
- Magenta (12%)
- Yellow (43%)
- Black (0%)



- Cyan (0%)
- Magenta (12%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.0065, 76.6156, 37.7285 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 73.0065, 76.6156, 37.7285 by changing the saturation by 10% instead.


 73.0065, 76.6156,
37.7285


 73.0065, 76.6156,
37.7285


460.1408,
483.4524, 351.7171

 54.2697, 56.9374,
25.4718


 122.4895,
128.5967, 72.8906

 39.0488, 40.9550,
16.2067


 153.9664,
161.6685, 96.6331

 26.9786, 28.2839,
9.5146


190.4207,
199.9735, 125.0414

 17.6937, 18.5398,
4.9770

232.2178,
243.8963, 158.5339

 10.8286, 11.3382,
2.1753

279.7230,
293.8212, 197.5291

 6.0182, 6.2948,
0.6600

333.3016,

 2.8969, 3.0252,

350.1326, 242.4457

0.0000

393.3191,
413.2148, 293.7022

■ 1.0995, 1.1449,
0.0000

■ 0.0247, 0.0160,
0.0000

■ 73.0065, 76.6156,
37.7285

■ 73.0065, 76.6156,
37.7285

■ 69.3669, 72.1377,
27.8793

■ 77.1728, 81.4404,
49.9320

■ 66.2174, 67.9820,
20.2221

■ 81.8883, 86.6141,
64.6282

■ 63.5254, 64.1367,
14.5811

■ 87.1807, 92.1523,
81.9503

■ 61.2509, 60.5841,
10.7514

■ 93.0741, 98.0661,
102.0207

■ 59.3457, 57.3033, 95.0500, 100.0000,
8.4839 108.9000

■ 58.2044, 55.1888,
7.5848

Harmonies

Analogous

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



83.6307, 76.6156, 42.6782



73.0065, 76.6156, 37.7285



63.2772, 76.6156, 42.3393

Triad

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



73.0065, 76.6156, 37.7285



56.5324, 76.6156, 115.4410



91.7546, 76.6156, 116.5875

Complementary

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



73.0065, 76.6156, 37.7285



45.2520, 44.2890, 100.7713

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.



83.2788, 76.6156, 144.9942



73.0065, 76.6156, 37.7285



62.9851, 76.6156, 144.2276

Square

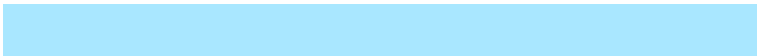
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.0065, 76.6156, 37.7285



54.3414, 76.6156, 82.8912



72.6355, 76.6156, 156.1494



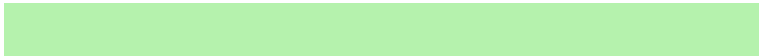
95.0762, 76.6156, 83.9538

Rectangle

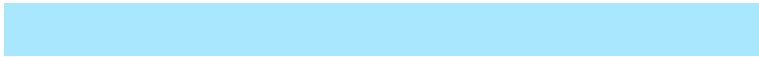
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.0065, 76.6156, 37.7285



58.4478, 76.6156, 51.0479



72.6355, 76.6156, 156.1494



89.3758, 76.6156, 127.2097

Sweetspot

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



73.0084, 76.6192, 37.7301



87.2570, 92.2305, 82.2052



59.2189, 44.6528, 46.6594



18.4153, 19.4724, 16.7255



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.



73.0084, 76.6192, 37.7301



69.7553, 72.6303, 28.8851



73.8800, 90.5811, 40.3791



19.1033, 20.1747, 19.0316



30.5461, 29.1033, 4.0076



3.0668, 3.0191, 0.4211

Inverse Universe

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



45.2520, 44.2890, 100.7713



38.6624, 36.4460, 99.6048



44.5026, 35.8883, 99.1893



17.4197, 18.2110, 22.8469



10.7455, 6.4005, 50.1037



1.1340, 0.7987, 4.9077

Previews

White Background



This preview shows how the XYZ color 73.0065, 76.6156, 37.7285 looks on a white background.

Color Contrast Check

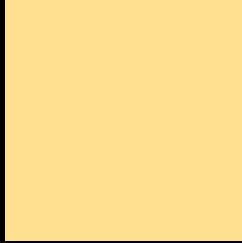
Large Text (above 18pt) WCAG AA × Fail

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 73.0065, 76.6156, 37.7285 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 73.0065, 76.6156, 37.7285

Background



This preview shows how black text looks on a background with the XYZ color 73.0065, 76.6156, 37.7285.



This preview shows how white text looks on a background with the XYZ color 73.0065, 76.6156,

37.7285.

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

73.0065, 76.6156, 37.7285

Protanopia

71.0152, 76.7876, 38.2727

Deuteranopia

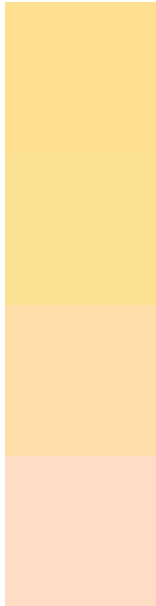
75.8534, 76.4757, 56.6623



Tritanopia

80.1957, 76.5429, 84.6762

Trichromacy



Original Color

73.0065, 76.6156, 37.7285

Protanomaly

71.8090, 76.7920, 38.2317

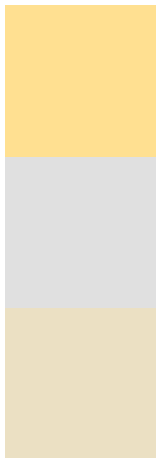
Deuteranomaly

74.6170, 76.4048, 48.8451

Tritanomaly

77.0262, 76.5236, 64.1369

Monochromacy



Original Color

73.0065, 76.6156, 37.7285

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

70.7669, 74.9136, 62.3597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0065, 76.6156, 37.7285 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, 224, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 145)  
}
```

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, 224, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 145) }
```

Border

The CSS property to change the border of an element to XYZ 73.0065, 76.6156, 37.7285 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, 224, 145) }
```


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

```
.border{ border-color:rgb(255, 224, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 224, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 224, 145); box-shadow:4px 4px 4px 4px rgb(255, 224, 145) }
```

Background

The CSS property to change the background color of an element to XYZ 73.0065, 76.6156, 37.7285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 145) }
```

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

```
.background{ background-color: rgb(255,  
224, 145) }
```

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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