

Converting Colors

XYZ(70.1484, 70.2359, 38.8215)

Have a look what the booklet for
XYZ(70.1484, 70.2359, 38.8215)
contains.

XYZ(70.0393, 70.0505, 38.6838)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(70.0393, 70.0505,
38.6838)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD396
RGB	255, 211, 150
RGB Percent	100%, 83%, 59%
CMY	0.0000, 0.1725, 0.4118
CMYK	0.00, 0.17, 0.41, 0.00
HSL	35°, 100%, 79%
HSV	35°, 41%, 100%
XYZ	70.0393, 70.0505, 38.6838
YIQ	217.2020, 45.8050, -9.6430

Conversions

Conversions Part 2

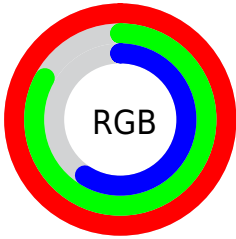
Format	Color
R_{YB}	226, 255, 150
Decimal	16765846
CIE _{Lab}	87.02, 7.56, 35.97
CIE _{LCh}	87, 36.758, 78.133
Yxy	70.0505, 0.3918, 0.3918
Android (android.graphics.Color)	4294955926 (0xFFFFD396)
YUV	217.2020, -33.1306, 33.1488
Hunter-Lab	83.6962, 2.9055, 31.1839

Details

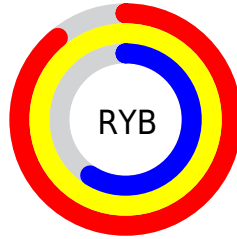
The XYZ color **70.0393, 70.0505, 38.6838** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.9189, 52.2859, 102.0689**, and the grayscale version is **66.2915, 69.7438, 75.9510**.

A 20% lighter version of the original color is **88.0194, 97.1878, 71.8776**, and **37.2875, 36.8661, 16.7059** is the 20% darker color. If you saturate the color by 10%, you get **65.6389, 64.1859, 28.1653**, and if you desaturate by 10%, it is **75.0665, 76.4534, 51.6170**.

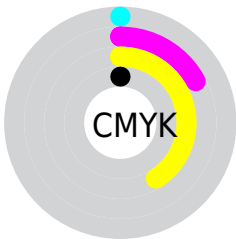
Distribution



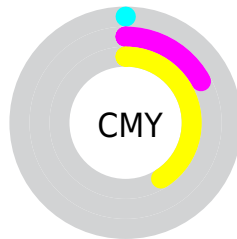
- Red (100%)
- Green (83%)
- Blue (59%)



- Red (89%)
- Yellow (100%)
- Blue (59%)



- Cyan (0%)
- Magenta (17%)
- Yellow (41%)
- Black (0%)





- Cyan (0%)
- Magenta (17%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.0393, 70.0505, 38.6838 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 70.0393, 70.0505, 38.6838 by changing the saturation by 10% instead.


 70.0393, 70.0505,
38.6838


 70.0393, 70.0505,
38.6838


449.9522,
460.7273, 355.9300

 51.8383, 51.5677,
26.2079


 118.2908,
119.2808, 74.3700

 37.0999, 36.6606,
16.7521

 149.0719,
150.7970, 98.4174

 25.4589, 24.9448,
9.8978


184.7772,
187.4266, 127.1591

 16.5498, 16.0360,
5.2265

225.7719,
229.5538, 161.0135

 10.0074, 9.5496,
2.3197

272.4214,
277.5631, 200.3993

 5.4661, 5.1014,
0.7422

325.0910,

 2.5608, 2.3069,

331.8388, 245.7350

0.0000

384.1462,
392.7654, 297.4390

■ 0.9260, 0.7773,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.0393, 70.0505,
38.6838

■ 70.0393, 70.0505,
38.6838

■ 65.6389, 64.1859,
28.1653

■ 75.0665, 76.4534,
51.6170

■ 61.8273, 58.8310,
19.9018

■ 80.7452, 83.4018,
67.1021

■ 58.5701, 53.9692,
13.7211

■ 87.1049, 90.9154,
85.2708

■ 55.8259, 49.5781,
9.4237

■ 94.1716, 99.0096,
106.2446

■ 53.5458, 45.6321, 95.0500, 100.0000,
6.7704 108.9000

■ 51.8544, 42.4889,
5.4681

Harmonies

Analogous

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



78.2368, 70.0505, 46.1651



70.0393, 70.0505, 38.6838



61.5666, 70.0505, 39.5420

Triad

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



70.0393, 70.0505, 38.6838



52.0715, 70.0505, 91.9797



79.6684, 70.0505, 112.4426

Complementary

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



70.0393, 70.0505, 38.6838



49.9189, 52.2859, 102.0689

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.



71.8604, 70.0505, 130.7047



70.0393, 70.0505, 38.6838



56.1443, 70.0505, 117.2499

Square

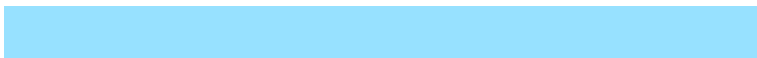
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.0393, 70.0505, 38.6838



51.6755, 70.0505, 66.9437



63.2383, 70.0505, 132.6323



84.1079, 70.0505, 86.4313

Rectangle

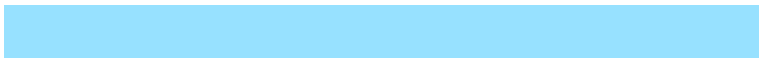
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.0393, 70.0505, 38.6838



56.8842, 70.0505, 44.7602



63.2383, 70.0505, 132.6323



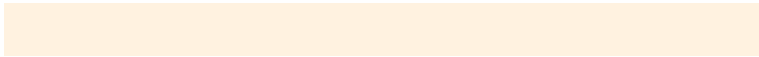
77.3213, 70.0505, 119.9119

Sweetspot

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



70.0410, 70.0538, 38.6852



86.5542, 90.2743, 83.6685



62.0538, 47.0362, 57.7357



18.3415, 19.1067, 17.3734



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.



70.0410, 70.0538, 38.6852



66.5452, 65.4182, 30.2564



79.9766, 93.6785, 42.7216



18.8861, 19.7404, 18.9592



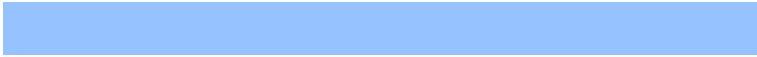
27.2460, 22.5033, 2.9075



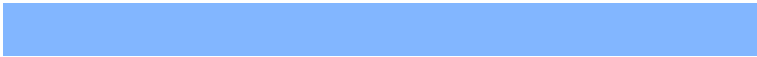
2.7609, 2.4072, 0.3191

Inverse Universe

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



49.9189, 52.2859, 102.0689



44.0743, 45.5911, 101.0847



42.8617, 36.2017, 99.3363



17.6284, 18.6284, 22.9165



12.3099, 9.5294, 50.6251



1.3037, 1.1380, 4.9642

Previews

White Background



This preview shows how the XYZ color 70.0393, 70.0505, 38.6838 looks on a white background.

Color Contrast Check

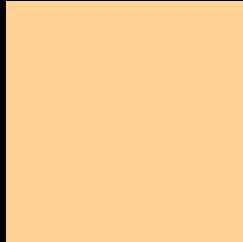
Large Text (above 18pt) WCAG AA × Fail

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 70.0393, 70.0505, 38.6838 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 70.0393, 70.0505, 38.6838

Background



This preview shows how black text looks on a background with the XYZ color 70.0393, 70.0505, 38.6838.



This preview shows how white text looks on a background with the XYZ color 70.0393, 70.0505,

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

70.0393, 70.0505, 38.6838

Protanopia

65.0821, 70.1049, 40.2384

Deuteranopia

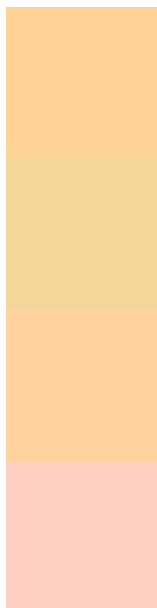
70.8082, 69.9618, 43.9544



Tritanopia

75.7262, 69.9846, 75.8468

Trichromacy



Original Color

70.0393, 70.0505, 38.6838

Protanomaly

66.5859, 69.7451, 39.6585

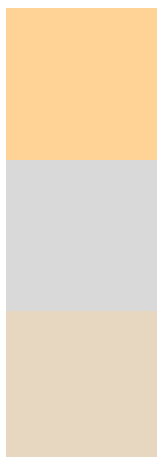
Deuteranomaly

70.4581, 69.8218, 42.1112

Tritanomaly

73.1785, 69.7359, 60.0555

Monochromacy



Original Color

70.0393, 70.0505, 38.6838

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.8811, 69.4401, 60.3303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0393, 70.0505, 38.6838 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, 211, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 150)  
}
```

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, 211, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 150) }
```

Border

The CSS property to change the border of an element to XYZ 70.0393, 70.0505, 38.6838 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, 211, 150) }
```


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

```
.border{ border-color:rgb(255, 211, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0393, 70.0505, 38.6838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 150) }
```

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

```
.background{ background-color: rgb(255,  
211, 150) }
```

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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