

Converting Colors

XYZ(73.1002, 71.2046, 55.0189)

Have a look what the booklet for
XYZ(73.1002, 71.2046, 55.0189)
contains.

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Color

**XYZ(73.1860, 71.3092,
55.2541)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD3B8
RGB	255, 211, 184
RGB Percent	100%, 83%, 72%
CMY	0.0000, 0.1725, 0.2784
CMYK	0.00, 0.17, 0.28, 0.00
HSL	23°, 100%, 86%
HSV	23°, 28%, 100%
XYZ	73.1860, 71.3092, 55.2541
YIQ	221.0780, 34.8910, 0.9310

Conversions

Conversions Part 2

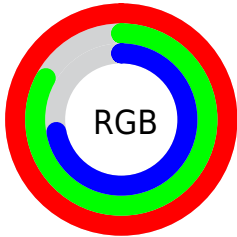
Format	Color
R _Y B	255, 228, 184
Decimal	16765880
CIE Lab	87.64, 11.58, 19.16
CIE LCh	88, 22.383, 58.846
Yxy	71.3092, 0.3664, 0.3570
Android (android.graphics.Color)	4294955960 (0xFFFFD3B8)
YUV	221.0780, -18.2795, 29.7496
Hunter-Lab	84.4448, 6.9228, 20.3166

Details

The XYZ color **73.1860, 71.3092, 55.2541** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.5597, 72.8948, 105.2225**, and the grayscale version is **68.8906, 72.4783, 78.9289**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **39.0112, 37.2859, 26.6135** is the 20% darker color. If you saturate the color by 10%, you get **67.0160, 62.8682, 41.1773**, and if you desaturate by 10%, it is **80.2272, 80.7211, 72.0000**.

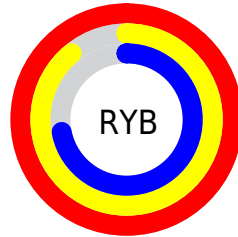
Distribution



Red (100%)

Green (83%)

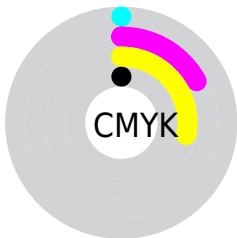
Blue (72%)



Red (100%)

Yellow (89%)

Blue (72%)

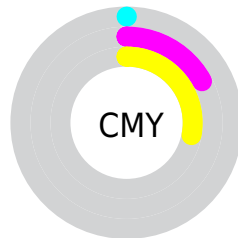


Cyan (0%)

Magenta (17%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.1860, 71.3092, 55.2541 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 73.1860, 71.3092, 55.2541 by changing the saturation by 10% instead.


 73.1860, 71.3092,
55.2541

 73.1860, 71.3092,
55.2541


460.7530,
465.1336, 424.1835

 54.4170, 52.5946,
39.2052


 122.7429,
121.0739, 99.3880

 39.1671, 37.4792,
26.6104

154.2616,
152.8927, 128.3102

 27.0711, 25.5787,
17.0510


190.7608,
189.8484, 162.3605

 17.7635, 16.5088,
10.1085

232.6059,
232.3254, 201.9575

 10.8790, 9.8849,
5.3644

280.1624,
280.7080, 247.5198

 6.0522, 5.3227,
2.4002

333.7955,

 2.9178, 2.4378,

335.3806, 299.4658

0.7865

393.8706,
396.7277, 358.2142

■ 1.1104, 0.8452,
0.0000

■ 0.0338, 0.0000,
0.0000

■ 73.1860, 71.3092,
55.2541

■ 73.1860, 71.3092,
55.2541

■ 67.0160, 62.8682,
41.1773

■ 80.2272, 80.7211,
72.0000

■ 61.6750, 55.3561,
29.6251

■ 88.1691, 91.1251,
91.5404

■ 57.1249, 48.7413,
20.4459

95.0500, 100.0000,
108.9000

■ 53.3220, 42.9871,
13.4699

■ 50.2176, 38.0534,
8.5043

■ 47.7559, 33.8960,
5.3220

■ 45.8658, 30.4633,
3.6206

■ 45.5138, 29.8077,
3.3546

Harmonies

Analogous

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



77.0990, 71.3092, 64.3997



73.1860, 71.3092, 55.2541



67.9827, 71.3092, 51.9717

Triad

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



73.1860, 71.3092, 55.2541



58.0926, 71.3092, 77.0573



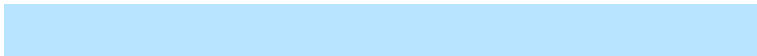
72.8125, 71.3092, 106.1091

Complementary

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



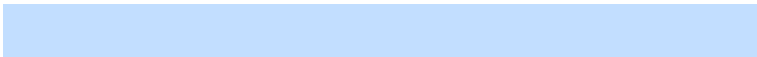
73.1860, 71.3092, 55.2541



65.5597, 72.8948, 105.2225

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.



67.5722, 71.3092, 110.6230



73.1860, 71.3092, 55.2541



59.2389, 71.3092, 92.5891

Square

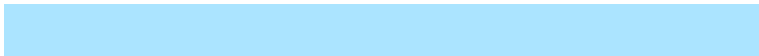
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.1860, 71.3092, 55.2541



59.4267, 71.3092, 63.5052



62.6418, 71.3092, 105.3870



76.8756, 71.3092, 93.7386

Rectangle

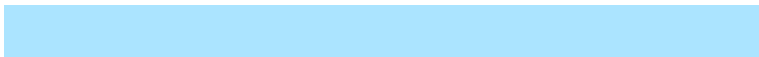
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.1860, 71.3092, 55.2541



64.5391, 71.3092, 53.1733



62.6418, 71.3092, 105.3870



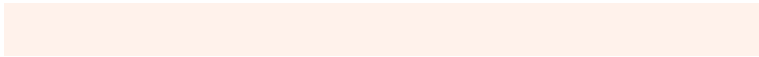
71.1219, 71.3092, 108.6616

Sweetspot

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



73.1877, 71.3124, 55.2556



88.0368, 90.9534, 91.2103



72.5191, 61.1970, 82.0948



18.5756, 19.1194, 18.8557



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.



73.1877, 71.3124, 55.2556



69.8986, 66.8389, 47.6703



82.7060, 90.3489, 58.4283



18.5756, 19.1194, 18.8557



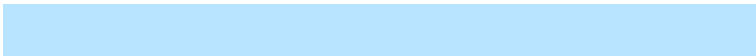
23.9145, 15.8402, 1.7970



2.4299, 1.7452, 0.2088

Inverse Universe

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



65.5597, 72.8948, 105.2225



61.1977, 68.6327, 104.6297



56.9912, 55.7578, 102.3663



17.9405, 19.2526, 23.0205



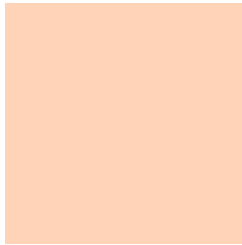
15.9698, 16.8492, 51.8451



1.6604, 1.8516, 5.0831

Previews

White Background



This preview shows how the XYZ color 73.1860, 71.3092, 55.2541 looks on a white background.

Color Contrast Check

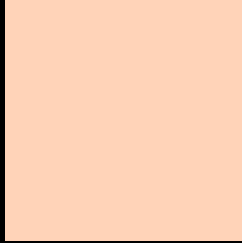
Large Text (above 18pt) WCAG AA × Fail

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 73.1860, 71.3092, 55.2541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

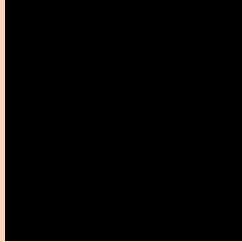
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.1860, 71.3092, 55.2541

Background



This preview shows how black text looks on a background with the XYZ color 73.1860, 71.3092, 55.2541.



This preview shows how white text looks on a background with the XYZ color 73.1860, 71.3092,

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

73.1860, 71.3092, 55.2541

Protanopia

67.3636, 71.2828, 57.7855

Deuteranopia

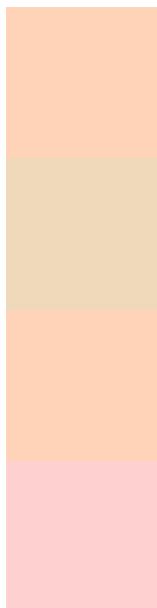
72.8190, 71.1201, 55.2370



Tritanopia

76.6040, 71.1061, 78.0940

Trichromacy



Original Color

73.1860, 71.3092, 55.2541

Protanomaly

69.4607, 71.2249, 57.1005

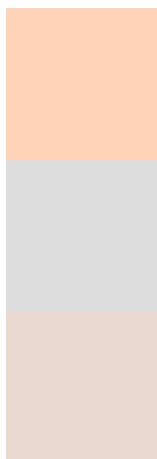
Deuteranomaly

72.8190, 71.1201, 55.2370

Tritanomaly

75.1810, 70.9258, 69.4021

Monochromacy



Original Color

73.1860, 71.3092, 55.2541

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.8023, 71.5034, 69.7971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.1860, 71.3092, 55.2541 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 184) }
```

Border

The CSS property to change the border of an element to XYZ 73.1860, 71.3092, 55.2541 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, 184) }
```


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

```
.border{ border-color:rgb(255, 211, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 73.1860, 71.3092, 55.2541 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, 184) }
```

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

```
.background{ background-color: rgb(255,  
211, 184) }
```

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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