

Converting Colors

XYZ(73.6143, 75.5257, 55.6211)

Have a look what the booklet for
XYZ(73.6143, 75.5257, 55.6211)
contains.

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Color

**XYZ(73.4706, 75.2715,
55.4563)**

Conversions

Conversions Part 1

Format	Color
Hex	F9DDB7
RGB	249, 221, 183
RGB Percent	98%, 87%, 72%
CMY	0.0235, 0.1333, 0.2823
CMYK	0.00, 0.11, 0.27, 0.02
HSL	35°, 85%, 85%
HSV	35°, 27%, 98%
XYZ	73.4706, 75.2715, 55.4563
YIQ	225.0400, 28.8860, -5.8820

Conversions

Conversions Part 2

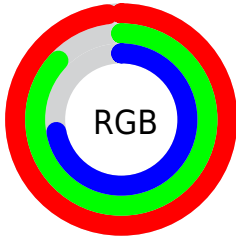
Format	Color
R_{YB}	232, 249, 183
Decimal	16375223
CIE _{Lab}	89.52, 4.05, 22.21
CIE _{LCh}	90, 22.577, 79.671
Yxy	75.2715, 0.3598, 0.3686
Android (android.graphics.Color)	4294565303 (0xFFF9DDB7)
YUV	225.0400, -20.7257, 21.0129
Hunter-Lab	86.7591, -0.6686, 22.8333

Details

The XYZ color **73.4706, 75.2715, 55.4563** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.9211, 63.4937, 98.7202**, and the grayscale version is **71.7282, 75.4636, 82.1799**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **39.4037, 40.0906, 26.7806** is the 20% darker color. If you saturate the color by 10%, you get **68.4039, 68.9249, 42.0923**, and if you desaturate by 10%, it is **79.1753, 82.1593, 71.2966**.

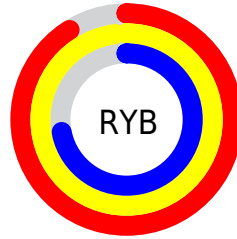
Distribution



Red (98%)

Green (87%)

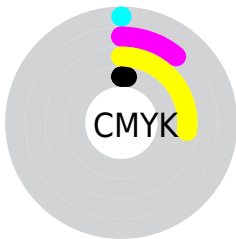
Blue (72%)



Red (91%)

Yellow (98%)

Blue (72%)

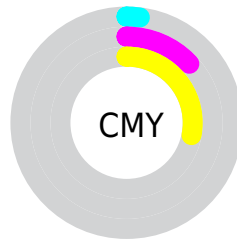


Cyan (0%)

Magenta (11%)

Yellow (27%)

Black (2%)



Cyan (2%)


Magenta (13%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.4706, 75.2715, 55.4563 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 73.4706, 75.2715, 55.4563 by changing the saturation by 10% instead.


 73.4706, 75.2715,
55.4563

 73.4706, 75.2715,
55.4563


461.7228,
478.8502, 424.9699

 54.6506, 55.8353,
39.3661


 123.1446,
126.6966, 99.6870

 39.3548, 40.0709,
26.7346


154.7293,
159.4543, 128.6646

 27.2178, 27.5938,
17.1434


191.2996,
197.4214, 162.7751

 17.8743, 18.0197,
10.1737


233.2209,
240.9822, 202.4371

 10.9589, 10.9641,
5.4072

280.8585,
290.5210, 248.0690

 6.1063, 6.0427,
2.4252

334.5778,

 2.9511, 2.8711,

346.4224, 300.0894

0.8001

394.7441,
409.0707, 358.9168

■ 1.1280, 1.0648,
0.0000

■ 0.0483, 0.0000,
0.0000

■ 73.4706, 75.2715,
55.4563

■ 73.4706, 75.2715,
55.4563

■ 68.4039, 68.9249,
42.0923

■ 79.1753, 82.1593,
71.2966

■ 63.9418, 63.0931,
31.0716

■ 85.5375, 89.5931,
89.7274

■ 60.0566, 57.7624,
22.2556

■ 92.1449, 97.4156,
108.5543

■ 56.7158, 52.9144,
15.4894

■ 92.8771, 98.8798,
108.7983

■ 53.8827, 48.5287,
10.5973

■ 51.5149, 44.5827,
7.3736

■ 49.5600, 41.0494,
5.5611

■ 48.9471, 39.9000,
5.1217

Harmonies

Analogous

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



78.6620, 75.2715, 60.8288



73.4706, 75.2715, 55.4563



68.0167, 75.2715, 56.4535

Triad

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



73.4706, 75.2715, 55.4563



61.9729, 75.2715, 92.6635



79.9763, 75.2715, 103.3325

Complementary

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



73.4706, 75.2715, 55.4563



59.9211, 63.4937, 98.7202

Split Complementary

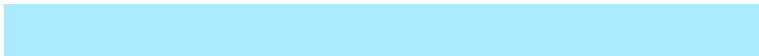
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.1898, 75.2715, 114.1768



73.4706, 75.2715, 55.4563



64.8676, 75.2715, 107.4878

Square

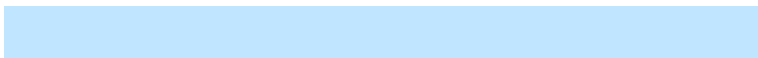
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4706, 75.2715, 55.4563



61.5657, 75.2715, 76.6079



69.6500, 75.2715, 115.7886



82.5445, 75.2715, 87.5513

Rectangle

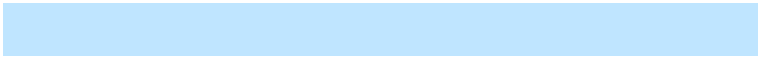
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.4706, 75.2715, 55.4563



64.9555, 75.2715, 60.6443



69.6500, 75.2715, 115.7886



78.5622, 75.2715, 107.7580

Sweetspot

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



73.4726, 75.2749, 55.4579



89.2391, 93.3579, 91.6111



67.8343, 58.7409, 69.7868



18.8780, 19.7242, 18.9565



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

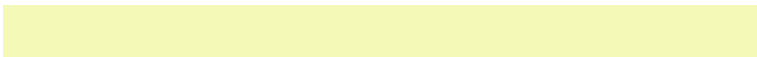
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.4726, 75.2749, 55.4579



74.5168, 75.6830, 50.4192



79.9402, 90.5113, 58.0579



18.0746, 18.8851, 18.1550



26.3444, 21.6454, 2.7895



2.5450, 2.2148, 0.2934

Inverse Universe

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



59.9211, 63.4937, 98.7202



57.9309, 61.2674, 103.3803



54.6248, 51.3229, 96.6501



16.8882, 17.8533, 21.9412



12.0243, 9.4043, 49.1550



1.2162, 1.0760, 4.5868

Previews

White Background



This preview shows how the XYZ color 73.4706, 75.2715, 55.4563 looks on a white background.

Color Contrast Check

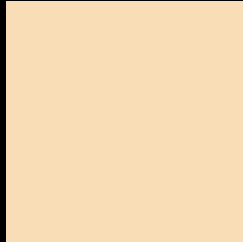
Large Text (above 18pt) WCAG AA × Fail

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 73.4706, 75.2715, 55.4563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

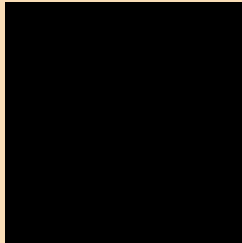
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.4706, 75.2715, 55.4563

Background



This preview shows how black text looks on a background with the XYZ color 73.4706, 75.2715, 55.4563.



This preview shows how white text looks on a background with the XYZ color 73.4706, 75.2715,

55.4563.

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

73.4706, 75.2715, 55.4563

Protanopia

70.9421, 75.5304, 56.7387

Deuteranopia

75.8258, 75.2086, 60.3894



Tritanopia

79.7104, 75.1227, 85.9002

Trichromacy



Original Color

73.4706, 75.2715, 55.4563

Protanomaly

71.9253, 75.6492, 56.1583

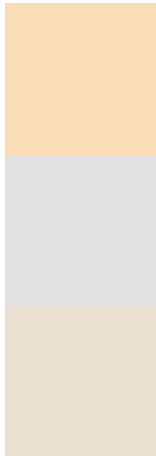
Deuteranomaly

75.0248, 75.2198, 58.7088

Tritanomaly

77.4585, 75.3634, 74.0824

Monochromacy



Original Color

73.4706, 75.2715, 55.4563

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.2202, 75.4569, 71.7310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4706, 75.2715, 55.4563 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(249, 221, 183)` looks like.

```
.text, #text, p{  
    color:rgb(249, 221, 183)  
}
```

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(249, 221, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 221, 183) }
```

Border

The CSS property to change the border of an element to XYZ 73.4706, 75.2715, 55.4563 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(249, 221, 183) }
```


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

```
.border{ border-color:rgb(249, 221, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 221, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 221, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 221, 183);  
box-shadow:4px 4px 4px 4px rgb(249, 221,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4706, 75.2715, 55.4563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 221, 183) }
```

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

```
.background{ background-color: rgb(249,  
221, 183) }
```

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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