

Converting Colors

XYZ(73.2177, 75.4394, 58.6283)

Have a look what the booklet for
XYZ(73.2177, 75.4394, 58.6283)
contains.

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Color

**XYZ(73.3126, 75.5095,
58.8549)**

Conversions

Conversions Part 1

Format	Color
Hex	F6DEBD
RGB	246, 222, 189
RGB Percent	96%, 87%, 74%
CMY	0.0353, 0.1294, 0.2588
CMYK	0.00, 0.10, 0.23, 0.04
HSL	35°, 76%, 85%
HSV	35°, 23%, 96%
XYZ	73.3126, 75.5095, 58.8549
YIQ	225.4140, 24.8970, -5.1750

Conversions

Conversions Part 2

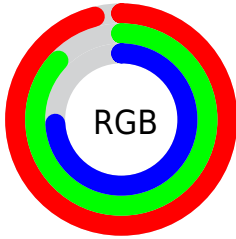
Format	Color
R _Y B	230, 246, 189
Decimal	16178877
CIE Lab	89.63, 3.24, 19.20
CIE LCh	90, 19.475, 80.423
Yxy	75.5095, 0.3530, 0.3636
Android (android.graphics.Color)	4294368957 (0xFFFF6DEBD)
YUV	225.4140, -17.9521, 18.0539
Hunter-Lab	86.8962, -1.4714, 20.6702

Details

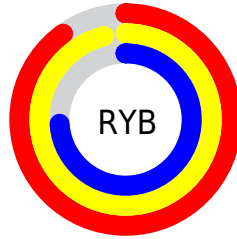
The XYZ color **73.3126, 75.5095, 58.8549** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **61.4146, 65.0594, 96.5100**, and the grayscale version is **71.9803, 75.7289, 82.4687**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **39.2489, 40.2338, 28.9898** is the 20% darker color. If you saturate the color by 10%, you get **68.1996, 69.2002, 45.0749**, and if you desaturate by 10%, it is **79.0516, 82.3448, 75.0797**.

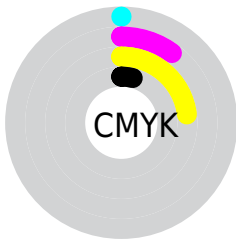
Distribution



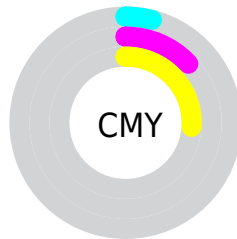
- Red (96%)
- Green (87%)
- Blue (74%)



- Red (90%)
- Yellow (96%)
- Blue (74%)



- Cyan (0%)
- Magenta (10%)
- Yellow (23%)
- Black (4%)





- Cyan (4%)
- Magenta (13%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.3126, 75.5095, 58.8549 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 73.3126, 75.5095, 58.8549 by changing the saturation by 10% instead.


 73.3126, 75.5095,
58.8549

 73.3126, 75.5095,
58.8549


461.1845,
479.6670, 438.0509

 54.5209, 56.0304,
42.0771


 122.9216,
127.0333, 104.6938

 39.2506, 40.2273,
28.8356


154.4697,
159.8468, 134.5920

 27.1363, 27.7158,
18.7120


191.0005,
197.8739, 169.7006

 17.8128, 18.1115,
11.2877

232.8795,
241.4990, 210.4384

 10.9145, 11.0301,
6.1441

280.4721,
291.1064, 257.2237

 6.0762, 6.0871,
2.8627

334.1436,

 2.9326, 2.8981,

347.0806, 310.4753

1.0250

394.2593,
409.8060, 370.6115

■ 1.1182, 1.0788,
0.0000

■ 0.0403, 0.0000,
0.0000

■ 73.3126, 75.5095,
58.8549

■ 73.3126, 75.5095,
58.8549

■ 68.1996, 69.2002,
45.0749

■ 79.0516, 82.3448,
75.0797

■ 63.6806, 63.3913,
33.6138

■ 85.4346, 89.7101,
93.8574

■ 59.7298, 58.0704,
24.3412

■ 91.2046, 97.1097,
108.5448

■ 56.3166, 53.2199,
17.1119

■ 91.8162, 98.3329,
108.7487

■ 53.4070, 48.8211,
11.7631

■ 50.9621, 44.8530,
8.1063

■ 48.9351, 41.2914,
5.9131

■ 47.7453, 39.0711,
5.0250

Harmonies

Analogous

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



77.7984, 75.5095, 63.5169



73.3126, 75.5095, 58.8549



68.6035, 75.5095, 59.8936

Triad

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



73.3126, 75.5095, 58.8549



63.4801, 75.5095, 91.7687



79.1047, 75.5095, 100.1920

Complementary

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



73.3126, 75.5095, 58.8549



61.4146, 65.0594, 96.5100

Split Complementary

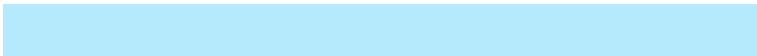
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0315, 75.5095, 109.4945



73.3126, 75.5095, 58.8549



66.0604, 75.5095, 104.2684

Square

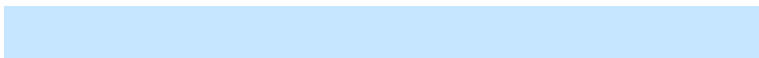
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3126, 75.5095, 58.8549



63.0659, 75.5095, 77.9066



70.2482, 75.5095, 111.0640



81.2392, 75.5095, 86.6835

Rectangle

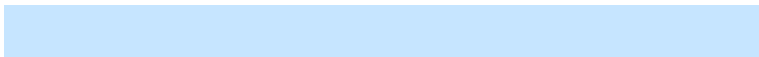
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.3126, 75.5095, 58.8549



65.9618, 75.5095, 63.7281



70.2482, 75.5095, 111.0640



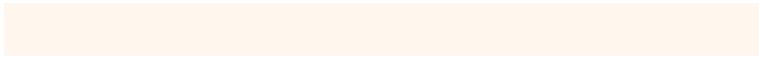
77.9085, 75.5095, 103.9750

Sweetspot

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



73.3146, 75.5129, 58.8565



89.9575, 94.2023, 93.6773



68.3036, 60.8287, 71.5595



19.1642, 20.0591, 19.7840



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.



73.3146, 75.5129, 58.8565



76.7597, 78.5237, 56.2388



78.8282, 88.4987, 61.0724



17.2962, 18.0764, 17.3751



25.6264, 21.1383, 2.7294



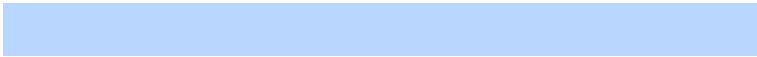
2.3539, 2.0609, 0.2737

Inverse Universe

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



61.4146, 65.0594, 96.5100



61.6813, 65.2806, 103.9572



56.7744, 54.3612, 94.6896



16.1545, 17.0732, 20.9866



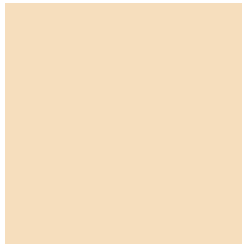
11.6291, 9.0519, 47.6723



1.1214, 0.9942, 4.2230

Previews

White Background



This preview shows how the XYZ color 73.3126, 75.5095, 58.8549 looks on a white background.

Color Contrast Check

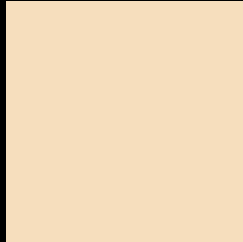
Large Text (above 18pt) WCAG AA × Fail

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 73.3126, 75.5095, 58.8549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

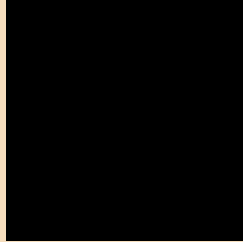
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.3126, 75.5095, 58.8549

Background



This preview shows how black text looks on a background with the XYZ color 73.3126, 75.5095, 58.8549.



This preview shows how white text looks on a background with the XYZ color 73.3126, 75.5095,

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

73.3126, 75.5095, 58.8549

Protanopia

71.1445, 75.5727, 59.5525

Deuteranopia

76.2752, 75.3883, 62.7558



Tritanopia

79.0475, 75.5042, 87.4983

Trichromacy



Original Color

73.3126, 75.5095, 58.8549

Protanomaly

71.8851, 75.5543, 59.5099

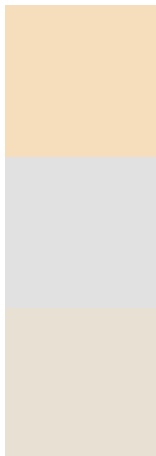
Deuteranomaly

75.1020, 75.2087, 61.0105

Tritanomaly

76.6627, 75.2923, 76.1379

Monochromacy



Original Color

73.3126, 75.5095, 58.8549

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.1436, 75.3884, 73.0364

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3126, 75.5095, 58.8549 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(246, 222, 189)` looks like.

```
.text, #text, p{  
    color:rgb(246, 222, 189)  
}
```

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(246, 222, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 222, 189) }
```

Border

The CSS property to change the border of an element to XYZ 73.3126, 75.5095, 58.8549 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(246, 222, 189) }
```


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

```
.border{ border-color:rgb(246, 222, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 222, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 222, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 222, 189);  
box-shadow:4px 4px 4px 4px rgb(246, 222,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3126, 75.5095, 58.8549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 222, 189) }
```

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

```
.background{ background-color: rgb(246,  
222, 189) }
```

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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