

Converting Colors

XYZ(120.1150, 99.0611,
59.8259)

Have a look what the booklet for
XYZ(120.1150, 99.0611, 59.8259)
contains.

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Color

**XYZ(75.8028, 76.0343,
57.6945)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCBB
RGB	255, 220, 187
RGB Percent	100%, 86%, 73%
CMY	0.0000, 0.1372, 0.2667
CMYK	0.00, 0.14, 0.27, 0.00
HSL	29°, 100%, 87%
HSV	29°, 27%, 100%
XYZ	75.8028, 76.0343, 57.6945
YIQ	226.7030, 31.4530, -2.8430

Conversions

Conversions Part 2

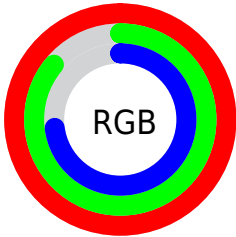
Format	Color
R _Y B	255, 251, 187
Decimal	16768187
CIE Lab	89.88, 7.32, 20.70
CIE LCh	90, 21.959, 70.523
Yxy	76.0343, 0.3618, 0.3629
Android (android.graphics.Color)	4294958267 (0xFFFFDCBB)
YUV	226.7030, -19.5736, 24.8165
Hunter-Lab	87.1976, 2.5780, 21.8090

Details

The XYZ color **75.8028, 76.0343, 57.6945** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.6639, 70.0250, 104.7158**, and the grayscale version is **72.9212, 76.7188, 83.5468**.

A 20% lighter version of the original color is **93.1777, 99.2511, 99.0404**, and **40.7842, 40.5018, 28.2223** is the 20% darker color. If you saturate the color by 10%, you get **70.0020, 68.4202, 43.4676**, and if you desaturate by 10%, it is **82.3626, 84.3899, 74.5676**.

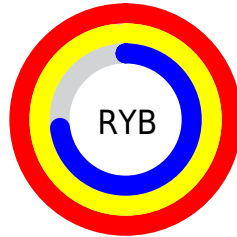
Distribution



Red (100%)

Green (86%)

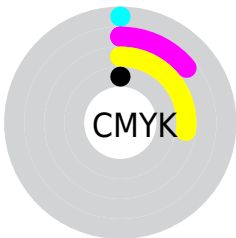
Blue (73%)



Red (100%)

Yellow (98%)

Blue (73%)

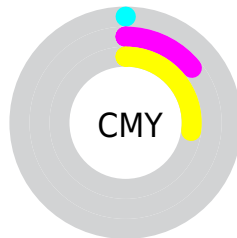


Cyan (0%)

Magenta (14%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.8028, 76.0343, 57.6945 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 75.8028, 76.0343, 57.6945 by changing the saturation by 10% instead.


 75.8028, 76.0343,
57.6945

 75.8028, 76.0343,
57.6945


469.6272,
481.4651, 433.6130

 56.5673, 56.4606,
41.1500


 126.4300,
127.7754, 102.9882

 40.8967, 40.5724,
28.1157


158.5523,
160.7116, 132.5745

 28.4257, 27.9851,
18.1731


195.7010,
198.8708, 167.3452

 18.7889, 18.3144,
10.9036

238.2415,
242.6373, 207.7188

 11.6209, 11.1760,
5.8887

286.5389,
292.3957, 254.1139

 6.5565, 6.1853,
2.7098

340.9588,

 3.2302, 2.9581,

348.5301, 306.9489

0.9484

401.8664,
411.4251, 366.6424

■ 1.2766, 1.1099,
0.0000

■ 0.1656, 0.0000,
0.0000

■ 75.8028, 76.0343,
57.6945

■ 75.8028, 76.0343,
57.6945

■ 70.0020, 68.4202,
43.4676

■ 82.3626, 84.3899,
74.5676

■ 64.9226, 61.5148,
31.7449

■ 89.7054, 93.4983,
94.2092

■ 60.5322, 55.2974,
22.3785

95.0500, 100.0000,
108.9000

■ 56.7930, 49.7424,
15.2026

■ 53.6629, 44.8218,
10.0294

■ 51.0934, 40.5047,
6.6388

■ 49.0248, 36.7552,
4.7547

■ 48.4190, 35.6180,
4.3230

Harmonies

Analogous

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



80.4920, 76.0343, 64.8532



75.8028, 76.0343, 57.6945



70.3797, 76.0343, 56.7508

Triad

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



75.8028, 76.0343, 57.6945



62.4891, 76.0343, 88.3659



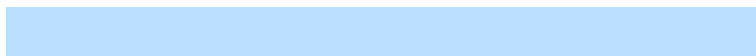
79.2609, 76.0343, 107.6395

Complementary

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



75.8028, 76.0343, 57.6945



64.6639, 70.0250, 104.7158

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.



74.1904, 76.0343, 115.7745



75.8028, 76.0343, 57.6945



64.6248, 76.0343, 103.7584

Square

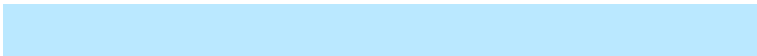
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.8028, 76.0343, 57.6945



62.8724, 76.0343, 73.2208



68.8455, 76.0343, 114.2715



82.5566, 76.0343, 93.1551

Rectangle

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



75.8028, 76.0343, 57.6945



67.0983, 76.0343, 59.6263



68.8455, 76.0343, 114.2715



77.6973, 76.0343, 111.2846

Sweetspot

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



75.8047, 76.0377, 57.6961



88.6795, 92.2388, 91.4246



72.2135, 62.0825, 77.3786



18.7371, 19.4424, 18.9095



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.



75.8047, 76.0377, 57.6961



72.6176, 71.8845, 49.7861



85.6093, 95.6470, 60.9643



18.7371, 19.4424, 18.9095



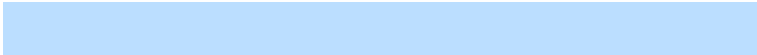
25.4481, 18.9074, 2.3082



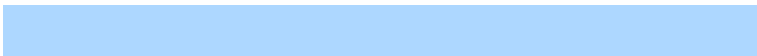
2.5866, 2.0586, 0.2610

Inverse Universe

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



64.6639, 70.0250, 104.7158



59.7729, 64.9513, 103.9942



56.5560, 53.8092, 102.0131



17.7761, 18.9239, 22.9657



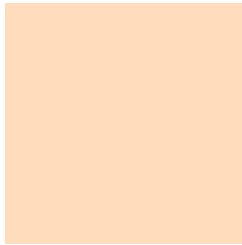
13.8388, 12.5871, 51.1348



1.4568, 1.4444, 5.0153

Previews

White Background



This preview shows how the XYZ color 75.8028, 76.0343, 57.6945 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 75.8028, 76.0343, 57.6945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

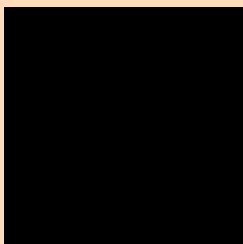
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.8028, 76.0343, 57.6945

Background



This preview shows how black text looks on a background with the XYZ color 75.8028, 76.0343, 57.6945.



This preview shows how white text looks on a background with the XYZ color 75.8028, 76.0343,

57.6945.

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

75.8028, 76.0343, 57.6945

Protanopia

71.7505, 76.2876, 59.6585

Deuteranopia

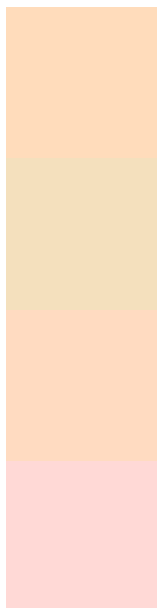
76.5353, 75.9086, 62.8425



Tritanopia

80.0788, 76.0849, 85.3282

Trichromacy



Original Color

75.8028, 76.0343, 57.6945

Protanomaly

73.1492, 76.2185, 59.0004

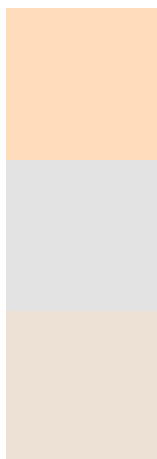
Deuteranomaly

76.1972, 75.7733, 61.0618

Tritanomaly

78.1905, 75.7407, 74.1167

Monochromacy



Original Color

75.8028, 76.0343, 57.6945

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.4644, 76.0693, 73.0982

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8028, 76.0343, 57.6945 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, 220, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 187)  
}
```

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, 220, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 187) }
```

Border

The CSS property to change the border of an element to XYZ 75.8028, 76.0343, 57.6945 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, 220, 187) }
```


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

```
.border{ border-color:rgb(255, 220, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8028, 76.0343, 57.6945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 187) }
```

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

```
.background{ background-color: rgb(255,  
220, 187) }
```

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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