

Converting Colors

XYZ(75.4373, 75.4516, 62.4727)

Have a look what the booklet for
XYZ(75.4373, 75.4516, 62.4727)
contains.

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Color

**XYZ(75.3267, 75.2986,
62.1937)**

Conversions

Conversions Part 1

Format	Color
Hex	FCDBC3
RGB	252, 219, 195
RGB Percent	99%, 86%, 76%
CMY	0.0118, 0.1412, 0.2353
CMYK	0.00, 0.13, 0.23, 0.01
HSL	25°, 90%, 88%
HSV	25°, 23%, 99%
XYZ	75.3267, 75.2986, 62.1937
YIQ	226.1310, 27.3720, -0.4680

Conversions

Conversions Part 2

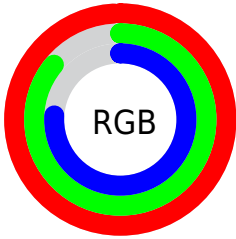
Format	Color
R _Y B	252, 236, 195
Decimal	16571331
CIE Lab	89.53, 7.83, 16.01
CIE LCh	90, 17.820, 63.951
Yxy	75.2986, 0.3539, 0.3538
Android (android.graphics.Color)	4294761411 (0xFFFCDBC3)
YUV	226.1310, -15.3476, 22.6871
Hunter-Lab	86.7748, 3.0949, 18.2477

Details

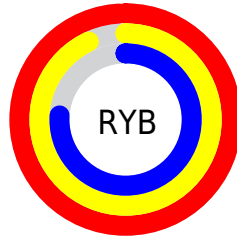
The XYZ color **75.3267, 75.2986, 62.1937** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.8192, 74.1152, 102.8270**, and the grayscale version is **72.4788, 76.2534, 83.0399**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **40.5889, 40.0761, 30.7955** is the 20% darker color. If you saturate the color by 10%, you get **69.0746, 66.9755, 47.2189**, and if you desaturate by 10%, it is **82.3973, 84.4880, 79.8153**.

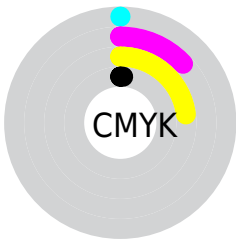
Distribution



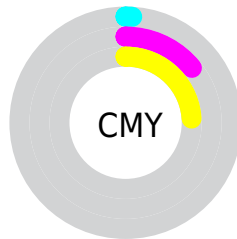
- Red (99%)
- Green (86%)
- Blue (76%)



- Red (99%)
- Yellow (93%)
- Blue (76%)



- Cyan (0%)
- Magenta (13%)
- Yellow (23%)
- Black (1%)





- Cyan (1%)
- Magenta (14%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.3267, 75.2986, 62.1937 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 75.3267, 75.2986, 62.1937 by changing the saturation by 10% instead.


 75.3267, 75.2986,
62.1937

 75.3267, 75.2986,
62.1937


468.0196,
478.9433, 450.6644

 56.1757, 55.8575,
44.7524


125.7601,
126.7350, 109.5797

 40.5814, 40.0887,
30.9209


157.7733,
159.4990, 140.3616

 28.1783, 27.6077,
20.2807


194.8045,
197.4729, 176.4274

 18.6013, 18.0302,
12.4131

237.2192,
241.0410, 218.1957

 11.4848, 10.9716,
6.8998

285.3827,
290.5877, 266.0850

 6.4636, 6.0478,
3.3220

339.6604,

 3.1723, 2.8742,

346.4974, 320.5138

1.2613

400.4176,
409.1544, 381.9008

■ 1.2455, 1.0664,
0.0298

■ 0.1419, 0.0000,
0.0000

■ 75.3267, 75.2986,
62.1937

■ 75.3267, 75.2986,
62.1937

■ 69.0746, 66.9755,
47.2189

■ 82.3973, 84.4880,
79.8153

■ 63.6022, 59.4816,
34.7562

■ 90.3109, 94.5587,
100.1999

■ 58.8766, 52.7923,
24.6663

■ 93.9550, 99.4355,
108.8488

■ 54.8595, 46.8774,
16.7940

■ 51.5089, 41.7045,
10.9654

■ 48.7772, 37.2384,
6.9802

■ 46.6083, 33.4394,
4.5963

■ 45.3122, 31.0299,
3.6012

Harmonies

Analogous

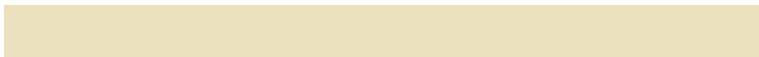
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.7755, 75.2986, 69.2565



75.3267, 75.2986, 62.1937



70.9911, 75.2986, 60.2271

Triad

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



75.3267, 75.2986, 62.1937



63.5015, 75.2986, 83.6583



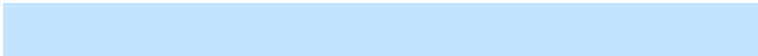
76.3701, 75.2986, 103.6371

Complementary

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



75.3267, 75.2986, 62.1937



67.8192, 74.1152, 102.8270

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.



72.1502, 75.2986, 108.4438



75.3267, 75.2986, 62.1937



64.8161, 75.2986, 96.1900

Square

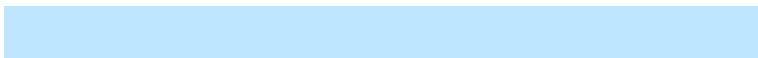
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.3267, 75.2986, 62.1937



64.2751, 75.2986, 71.8573



67.9385, 75.2986, 105.5896



79.3949, 75.2986, 93.0274

Rectangle

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



75.3267, 75.2986, 62.1937



68.2085, 75.2986, 61.8841



67.9385, 75.2986, 105.5896



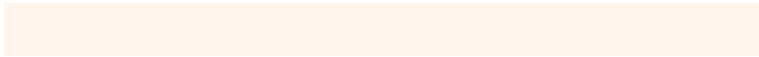
75.0382, 75.2986, 106.0315

Sweetspot

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



75.3287, 75.3020, 62.1953



89.0999, 92.4869, 93.3914



73.6990, 65.3419, 82.3095



18.9656, 19.6619, 19.7178



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.



75.3287, 75.3020, 62.1953



74.4564, 73.4866, 56.7981



83.3330, 91.3106, 64.8634



17.8454, 18.4266, 18.0785



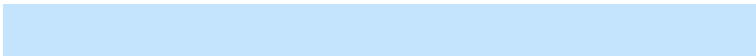
23.7419, 16.4404, 1.9220



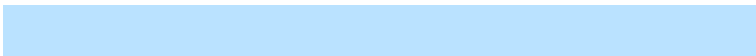
2.3012, 1.7273, 0.2121

Inverse Universe

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



67.8192, 74.1152, 102.8270



65.5337, 72.0730, 105.0652



60.6737, 59.8242, 100.4452



17.1176, 18.3120, 22.0177



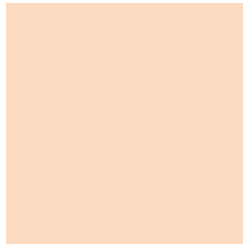
14.6461, 14.6477, 50.0289



1.4614, 1.5664, 4.6685

Previews

White Background



This preview shows how the XYZ color 75.3267, 75.2986, 62.1937 looks on a white background.

Color Contrast Check

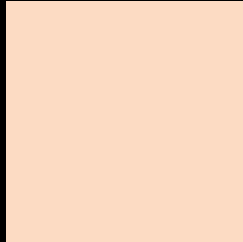
Large Text (above 18pt) WCAG AA × Fail

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 75.3267, 75.2986, 62.1937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

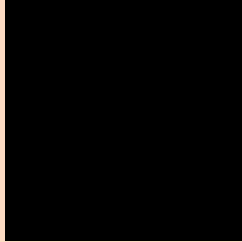
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.3267, 75.2986, 62.1937

Background



This preview shows how black text looks on a background with the XYZ color 75.3267, 75.2986, 62.1937.



This preview shows how white text looks on a background with the XYZ color 75.3267, 75.2986,

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

75.3267, 75.2986, 62.1937

Protanopia

71.7103, 75.7605, 64.2698

Deuteranopia

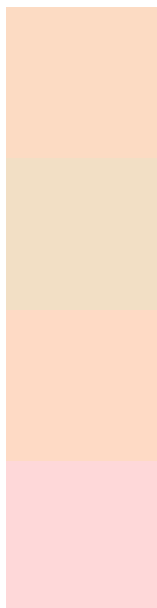
76.5044, 75.4800, 63.9630



Tritanopia

79.5695, 75.0663, 85.1584

Trichromacy



Original Color

75.3267, 75.2986, 62.1937

Protanomaly

73.0837, 75.6838, 63.5798

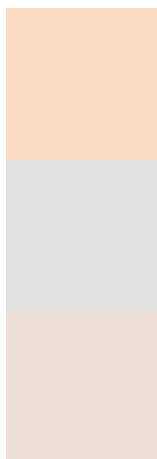
Deuteranomaly

76.0225, 75.2449, 63.3402

Tritanomaly

77.9533, 75.1923, 76.0506

Monochromacy



Original Color

75.3267, 75.2986, 62.1937

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.9144, 75.3438, 74.9898

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3267, 75.2986, 62.1937 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(252, 219, 195)` looks like.

```
.text, #text, p{  
    color:rgb(252, 219, 195)  
}
```

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(252, 219, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 219, 195) }
```

Border

The CSS property to change the border of an element to XYZ 75.3267, 75.2986, 62.1937 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(252, 219, 195) }
```


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

```
.border{ border-color:rgb(252, 219, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 219, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(252, 219, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(252, 219, 195); box-shadow:4px 4px 4px 4px rgb(252, 219, 195) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3267, 75.2986, 62.1937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 219, 195) }
```

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

```
.background{ background-color: rgb(252,  
219, 195) }
```

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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