

Converting Colors

XYZ(76.2328, 76.1551, 60.1161)

Have a look what the booklet for
XYZ(76.2328, 76.1551, 60.1161)
contains.

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Color

**XYZ(76.2372, 76.2080,
59.9817)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCBF
RGB	255, 220, 191
RGB Percent	100%, 86%, 75%
CMY	0.0000, 0.1372, 0.2510
CMYK	0.00, 0.14, 0.25, 0.00
HSL	27°, 100%, 87%
HSV	27°, 25%, 100%
XYZ	76.2372, 76.2080, 59.9817
YIQ	227.1590, 30.1690, -1.5990

Conversions

Conversions Part 2

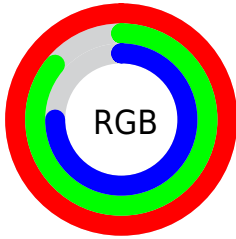
Format	Color
R _Y B	255, 244, 191
Decimal	16768191
CIE Lab	89.96, 7.86, 18.73
CIE LCh	90, 20.312, 67.239
Yxy	76.2080, 0.3589, 0.3587
Android (android.graphics.Color)	4294958271 (0xFFFFDCBF)
YUV	227.1590, -17.8264, 24.4166
Hunter-Lab	87.2972, 3.1151, 20.3700

Details

The XYZ color **76.2372, 76.2080, 59.9817** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.7314, 72.6868, 105.1206**, and the grayscale version is **73.2412, 77.0554, 83.9134**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **41.2592, 40.7222, 29.3525** is the 20% darker color. If you saturate the color by 10%, you get **70.1638, 68.1679, 45.2969**, and if you desaturate by 10%, it is **83.1081, 85.0607, 77.3445**.

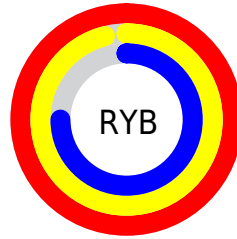
Distribution



Red (100%)

Green (86%)

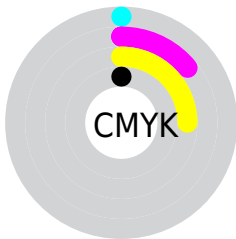
Blue (75%)



Red (100%)

Yellow (96%)

Blue (75%)

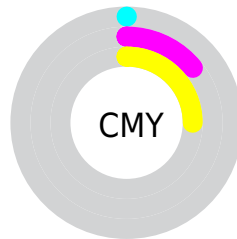


Cyan (0%)

Magenta (14%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.2372, 76.2080, 59.9817 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 76.2372, 76.2080, 59.9817 by changing the saturation by 10% instead.


 76.2372, 76.2080,
59.9817

 76.2372, 76.2080,
59.9817


471.0912,
482.0594, 442.3331

 56.9248, 56.6031,
42.9787


 127.0407,
128.0209, 106.3462

 41.1847, 40.6867,
29.5371


159.2625,
160.9976, 136.5448

 28.6518, 28.0743,
19.2384


196.5181,
199.2005, 171.9790

 18.9605, 18.3817,
11.6641

239.1730,
243.0137, 213.0674

 11.7456, 11.2244,
6.3957

287.5923,
292.8219, 260.2284

 6.6416, 6.2180,
3.0145

342.1416,

 3.2833, 2.9781,

349.0093, 313.8807

1.1020

403.1861,
411.9603, 374.4427

■ 1.3053, 1.1203,
0.0000

■ 0.1872, 0.0000,
0.0000

■ 76.2372, 76.2080,
59.9817

■ 76.2372, 76.2080,
59.9817

■ 70.1638, 68.1679,
45.2969

■ 83.1081, 85.0607,
77.3445

■ 64.8497, 60.9055,
33.1496

■ 90.8017, 94.7397,
97.5066

■ 60.2615, 54.3975,
23.3934

95.0500, 100.0000,
108.9000

■ 56.3605, 48.6159,
15.8649

■ 53.1040, 43.5300,
10.3797

■ 50.4430, 39.1062,
6.7235

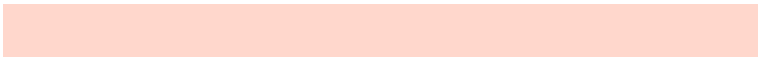
■ 48.3187, 35.3063,
4.6323

■ 47.4357, 33.6515,
3.9952

Harmonies

Analogous

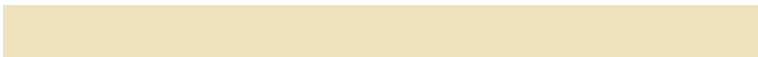
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.4032, 76.2080, 67.3296



76.2372, 76.2080, 59.9817



71.2224, 76.2080, 58.4368

Triad

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



76.2372, 76.2080, 59.9817



63.2626, 76.2080, 86.5146



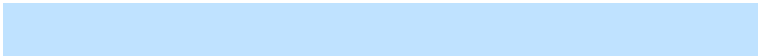
78.4407, 76.2080, 107.0211

Complementary

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



76.2372, 76.2080, 59.9817



66.7314, 72.6868, 105.1206

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.



73.6581, 76.2080, 113.5757



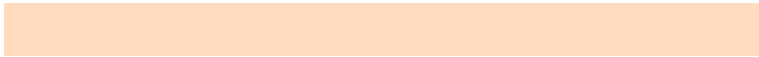
76.2372, 76.2080, 59.9817



65.0085, 76.2080, 100.8795

Square

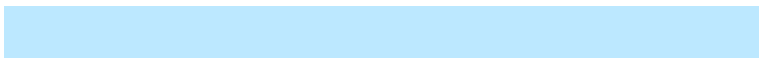
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.2372, 76.2080, 59.9817



63.8819, 76.2080, 72.7232



68.7583, 76.2080, 111.2073



81.7159, 76.2080, 94.1532

Rectangle

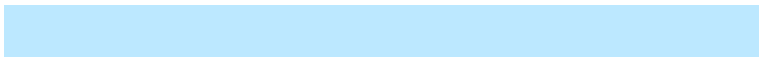
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.2372, 76.2080, 59.9817



68.0993, 76.2080, 60.7210



68.7583, 76.2080, 111.2073



76.9477, 76.2080, 110.0998

Sweetspot

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



76.2390, 76.2114, 59.9833



88.4819, 91.8435, 91.3587



73.6262, 64.0244, 80.5735



18.6874, 19.3430, 18.8930



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.



76.2390, 76.2114, 59.9833



73.1633, 72.1688, 52.4570



85.3918, 94.5170, 63.0342



18.6874, 19.3430, 18.8930



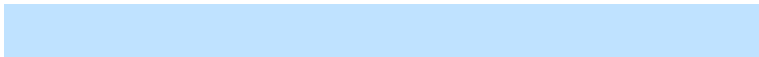
24.9308, 17.8729, 2.1358



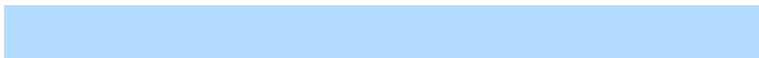
2.5349, 1.9551, 0.2438

Inverse Universe

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



66.7314, 72.6868, 105.1206



62.2048, 68.1038, 104.4745



58.8730, 56.9700, 102.5011



17.8262, 19.0241, 22.9824



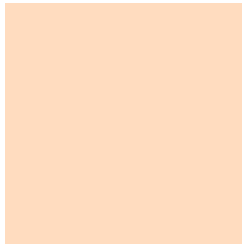
14.4398, 13.7892, 51.3351



1.5152, 1.5610, 5.0347

Previews

White Background



This preview shows how the XYZ color 76.2372, 76.2080, 59.9817 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 76.2372, 76.2080, 59.9817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

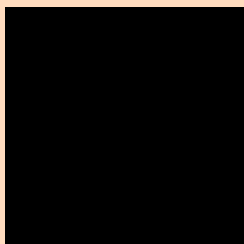
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.2372, 76.2080, 59.9817

Background



This preview shows how black text looks on a background with the XYZ color 76.2372, 76.2080, 59.9817.



This preview shows how white text looks on a background with the XYZ color 76.2372, 76.2080,

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

76.2372, 76.2080, 59.9817

Protanopia

72.1939, 76.4649, 61.9931

Deuteranopia

76.7646, 76.0003, 64.0497



Tritanopia

80.0788, 76.0849, 85.3282

Trichromacy



Original Color

76.2372, 76.2080, 59.9817

Protanomaly

73.5895, 76.3947, 61.3191

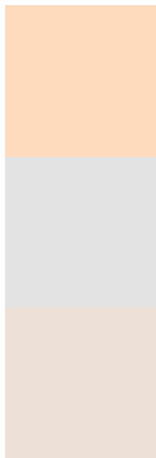
Deuteranomaly

76.4218, 75.8632, 62.2449

Tritanomaly

78.4475, 75.8436, 75.4704

Monochromacy



Original Color

76.2372, 76.2080, 59.9817

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.7183, 76.1709, 74.4354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2372, 76.2080, 59.9817 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 191) }
```

Border

The CSS property to change the border of an element to XYZ 76.2372, 76.2080, 59.9817 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, 191) }
```


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

```
.border{ border-color:rgb(255, 220, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 220, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 220, 191); box-shadow:4px 4px 4px 4px rgb(255, 220, 191) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2372, 76.2080, 59.9817 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, 191) }
```

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

```
.background{ background-color: rgb(255,  
220, 191) }
```

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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