

Converting Colors

XYZ(102.0759, 89.2553,
62.6789)

Have a look what the booklet for
XYZ(102.0759, 89.2553, 62.6789)
contains.

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Color

**XYZ(76.3091, 75.8181,
61.6514)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDBC2
RGB	255, 219, 194
RGB Percent	100%, 86%, 76%
CMY	0.0000, 0.1412, 0.2392
CMYK	0.00, 0.14, 0.24, 0.00
HSL	25°, 100%, 88%
HSV	25°, 24%, 100%
XYZ	76.3091, 75.8181, 61.6514
YIQ	226.9140, 29.4810, -0.1430

Conversions

Conversions Part 2

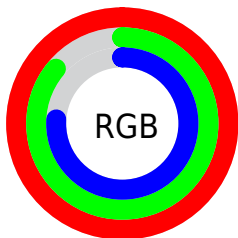
Format	Color
R _Y B	255, 236, 194
Decimal	16767938
CIE Lab	89.77, 8.78, 16.91
CIE LCh	90, 19.057, 62.550
Yxy	75.8181, 0.3570, 0.3547
Android (android.graphics.Color)	4294958018 (0xFFFFDBC2)
YUV	226.9140, -16.2266, 24.6314
Hunter-Lab	87.0736, 4.0541, 18.9719

Details

The XYZ color **76.3091, 75.8181, 61.6514** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.5941, 75.2806, 105.5231**, and the grayscale version is **73.0520, 76.8564, 83.6966**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **41.2978, 40.4501, 30.4420** is the 20% darker color. If you saturate the color by 10%, you get **69.9380, 67.2723, 46.5901**, and if you desaturate by 10%, it is **83.5304, 85.2770, 79.4223**.

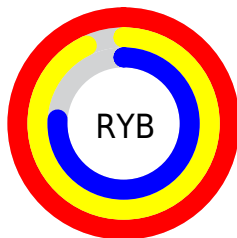
Distribution



Red (100%)

Green (86%)

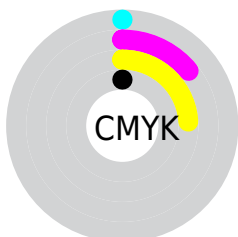
Blue (76%)



Red (100%)

Yellow (93%)

Blue (76%)

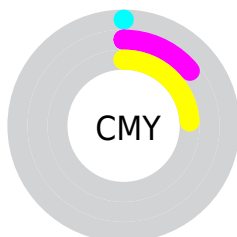


Cyan (0%)

Magenta (14%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.3091, 75.8181, 61.6514 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 76.3091, 75.8181, 61.6514 by changing the saturation by 10% instead.

 76.3091, 75.8181,
61.6514

 76.3091, 75.8181,
61.6514


471.3333,
480.7248, 448.6309

 56.9839, 56.2834,
44.3171


127.1418,
127.4697, 108.7883

 41.2324, 40.4302,
30.5809


159.3800,
160.3554, 139.4279

 28.6892, 27.8741,
20.0241


196.6533,
198.4603, 175.3397

 18.9889, 18.2308,
12.2283

239.3270,
242.1686, 216.9423

 11.7663, 11.1158,
6.7749

287.7665,
291.8648, 264.6542

 6.6558, 6.1448,
3.2455

342.3372,

 3.2922, 2.9333,

347.9333, 318.8939

1.2213

403.4043,
410.7585, 380.0799

■ 1.3101, 1.0970,
0.0000

■ 0.1908, 0.0000,
0.0000

■ 76.3091, 75.8181,
61.6514

■ 76.3091, 75.8181,
61.6514

■ 69.9380, 67.2723,
46.5901

■ 83.5304, 85.2770,
79.4223

■ 64.3768, 59.6008,
34.0984

■ 91.6284, 95.6661,
100.0237

■ 59.5906, 52.7764,
24.0308

95.0500, 100.0000,
108.9000

■ 55.5388, 46.7667,
16.2253

■ 52.1769, 41.5367,
10.4995

■ 49.4543, 37.0482,
6.6425

■ 47.3109, 33.2580,
4.3968

■ 46.2439, 31.2678,
3.5980

Harmonies

Analogous

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



79.9512, 75.8181, 69.3974



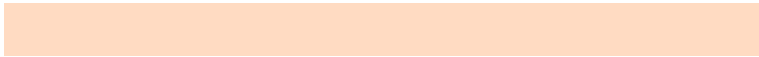
76.3091, 75.8181, 61.6514



71.6616, 75.8181, 59.3046

Triad

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



76.3091, 75.8181, 61.6514



63.4073, 75.8181, 83.7097



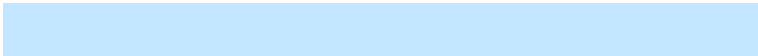
77.0348, 75.8181, 106.3449

Complementary

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



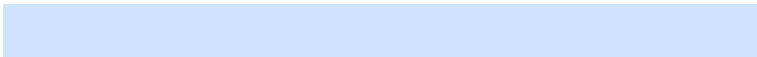
76.3091, 75.8181, 61.6514



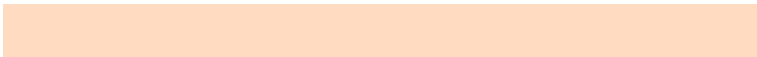
68.5941, 75.2806, 105.5231

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.



72.4656, 75.8181, 111.1992



76.3091, 75.8181, 61.6514



64.7112, 75.8181, 97.2743

Square

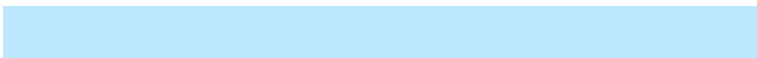
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.3091, 75.8181, 61.6514



64.3377, 75.8181, 71.1888



67.9771, 75.8181, 107.7138



80.3828, 75.8181, 95.0666

Rectangle

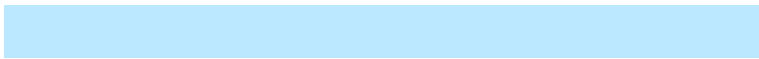
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.3091, 75.8181, 61.6514



68.6528, 75.8181, 60.8848



67.9771, 75.8181, 107.7138



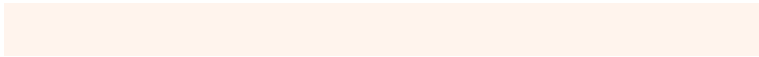
75.5839, 75.8181, 108.8343

Sweetspot

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



76.3110, 75.8215, 61.6530



89.0394, 92.3661, 93.3713



74.8996, 65.5913, 84.0187



18.9516, 19.6339, 19.7131



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.



76.3110, 75.8215, 61.6530



72.9704, 71.3678, 53.6724



84.8226, 92.8448, 64.4902



18.6208, 19.2099, 18.8708



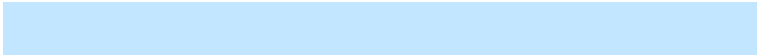
24.3015, 16.6143, 1.9260



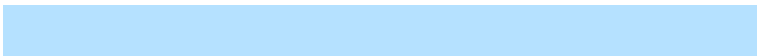
2.4705, 1.8263, 0.2223

Inverse Universe

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



68.5941, 75.2806, 105.5231



63.9582, 70.7307, 104.8892



60.9764, 60.0452, 102.9838



17.8940, 19.1596, 23.0050



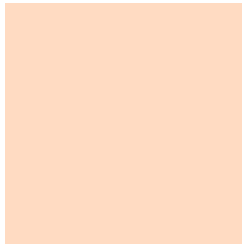
15.3202, 15.5499, 51.6286



1.5993, 1.7292, 5.0628

Previews

White Background



This preview shows how the XYZ color 76.3091, 75.8181, 61.6514 looks on a white background.

Color Contrast Check

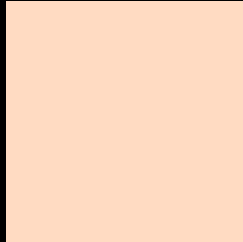
Large Text (above 18pt) WCAG AA × Fail

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 76.3091, 75.8181, 61.6514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

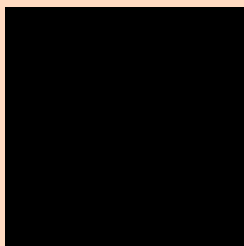
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.3091, 75.8181, 61.6514

Background



This preview shows how black text looks on a background with the XYZ color 76.3091, 75.8181, 61.6514.



This preview shows how white text looks on a background with the XYZ color 76.3091, 75.8181,

61.6514.

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

76.3091, 75.8181, 61.6514

Protanopia

71.9283, 75.8862, 63.6798

Deuteranopia

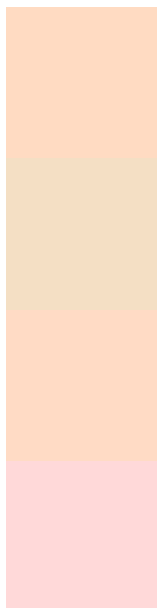
76.8803, 76.0466, 64.6593



Tritanopia

80.0788, 76.0849, 85.3282

Trichromacy



Original Color

76.3091, 75.8181, 61.6514

Protanomaly

73.6597, 75.9940, 63.0106

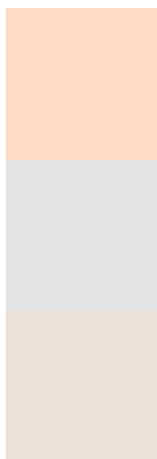
Deuteranomaly

76.6496, 75.9543, 63.4441

Tritanomaly

78.5772, 75.8955, 76.1535

Monochromacy



Original Color

76.3091, 75.8181, 61.6514

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.8464, 76.2221, 75.1102

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3091, 75.8181, 61.6514 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, 219, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 194)  
}
```

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, 219, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 194) }
```

Border

The CSS property to change the border of an element to XYZ 76.3091, 75.8181, 61.6514 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, 219, 194) }
```


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

```
.border{ border-color:rgb(255, 219, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3091, 75.8181, 61.6514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 194) }
```

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

```
.background{ background-color: rgb(255,  
219, 194) }
```

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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