

Converting Colors

XYZ(150.5712, 114.5999,
65.2395)

Have a look what the booklet for
XYZ(150.5712, 114.5999, 65.2395)
contains.

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Color

**XYZ(76.5708, 76.3414,
61.7386)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCC2
RGB	255, 220, 194
RGB Percent	100%, 86%, 76%
CMY	0.0000, 0.1372, 0.2392
CMYK	0.00, 0.14, 0.24, 0.00
HSL	26°, 100%, 88%
HSV	26°, 24%, 100%
XYZ	76.5708, 76.3414, 61.7386
YIQ	227.5010, 29.2060, -0.6660

Conversions

Conversions Part 2

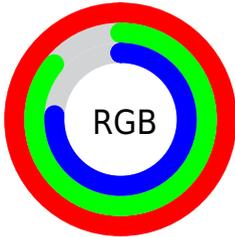
Format	Color
R _Y B	255, 239, 194
Decimal	16768194
CIE Lab	90.02, 8.27, 17.25
CIE LCh	90, 19.131, 64.392
Yxy	76.3414, 0.3567, 0.3557
Android (android.graphics.Color)	4294958274 (0xFFFFDCC2)
YUV	227.5010, -16.5160, 24.1166
Hunter-Lab	87.3736, 3.5267, 19.2669

Details

The XYZ color **76.5708, 76.3414, 61.7386** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.3167, 74.7257, 105.4306**, and the grayscale version is **73.4817, 77.3085, 84.1890**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **41.4775, 40.8095, 30.5019** is the 20% darker color. If you saturate the color by 10%, you get **70.2764, 67.9492, 46.7029**, and if you desaturate by 10%, it is **83.6963, 85.6089, 79.4776**.

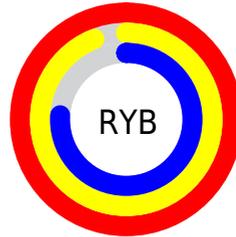
Distribution



Red (100%)

Green (86%)

Blue (76%)



Red (100%)

Yellow (94%)

Blue (76%)

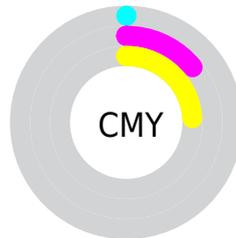


Cyan (0%)

Magenta (14%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (14%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.5708, 76.3414, 61.7386 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 76.5708, 76.3414, 61.7386 by changing the saturation by 10% instead.

76.5708, 76.3414,
61.7386

76.5708, 76.3414,
61.7386

472.2138,
482.5156, 448.9583

57.1994, 56.7125,
44.3871

127.5095,
128.2094, 108.9156

41.4061, 40.7745,
30.6355

159.8075,
161.2172, 139.5781

28.8256, 28.1429,
20.0653

197.1451,
199.4536, 175.5148

19.0926, 18.4334,
12.2580

239.8875,
243.3027, 217.1440

11.8416, 11.2616,
6.7950

288.4003,
293.1491, 264.8845

6.7073, 6.2431,
3.2577

343.0487,

3.3244, 2.9934,

349.3771, 319.1546

1.2277

404.1981,
412.3711, 380.3730

■ 1.3276, 1.1283,
0.0014

■ 0.2037, 0.0020,
0.0000

■ 76.5708, 76.3414,
61.7386

■ 76.5708, 76.3414,
61.7386

■ 70.2764, 67.9492,
46.7029

■ 83.6963, 85.6089,
79.4776

■ 64.7740, 60.3951,
34.2308

■ 91.6791, 95.7675,
100.0406

■ 60.0292, 53.6537,
24.1770

95.0500, 100.0000,
108.9000

■ 56.0026, 47.6942,
16.3799

■ 52.6504, 42.4836,
10.6573

■ 49.9231, 37.9857,
6.7987

■ 47.7617, 34.1596,
4.5471

■ 46.6778, 32.1355,
3.7426

Harmonies

Analogous

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



80.3432, 76.3414, 69.2350



76.5708, 76.3414, 61.7386



71.8646, 76.3414, 59.7211

Triad

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



76.5708, 76.3414, 61.7386



63.8478, 76.3414, 85.1373



77.8304, 76.3414, 106.5736

Complementary

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



76.5708, 76.3414, 61.7386



68.3167, 74.7257, 105.4306

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.



73.2603, 76.3414, 111.9557



76.5708, 76.3414, 61.7386



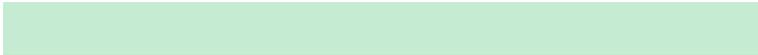
65.2969, 76.3414, 98.7536

Square

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



76.5708, 76.3414, 61.7386



64.6486, 76.3414, 72.3447



68.6922, 76.3414, 108.9496



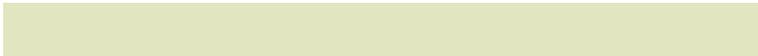
81.0923, 76.3414, 94.9215

Rectangle

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



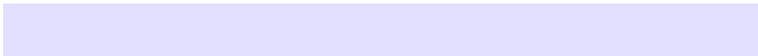
76.5708, 76.3414, 61.7386



68.8614, 76.3414, 61.5467



68.6922, 76.3414, 108.9496



76.3891, 76.3414, 109.2305

Sweetspot

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



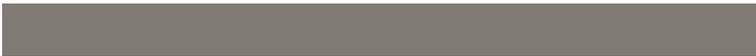
76.5726, 76.3448, 61.7402



89.1278, 92.5427, 93.4007



74.7567, 65.5342, 83.2663



18.9721, 19.6748, 19.7199



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

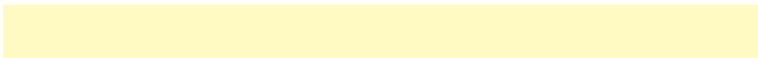
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5726, 76.3448, 61.7402



73.2733, 71.9737, 53.7734



85.1376, 93.4746, 64.5952



18.6460, 19.2602, 18.8792



24.5310, 17.0731, 2.0025



2.4941, 1.8737, 0.2302

Inverse Universe

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



68.3167, 74.7257, 105.4306



63.6323, 70.0788, 104.7805



60.7416, 59.5755, 102.9055



17.8683, 19.1082, 22.9964



14.9770, 14.8636, 51.5142



1.5667, 1.6640, 5.0519

Previews

White Background



This preview shows how the XYZ color 76.5708, 76.3414, 61.7386 looks on a white background.

Color Contrast Check

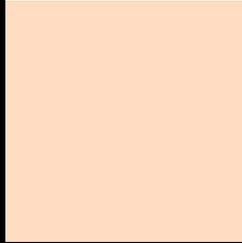
Large Text (above 18pt) WCAG AA × Fail

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 76.5708, 76.3414, 61.7386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

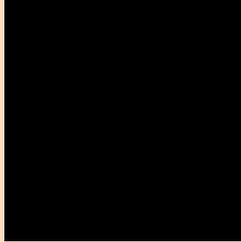
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

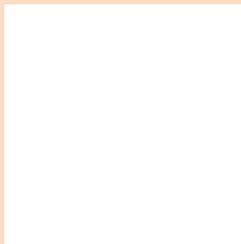
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.5708, 76.3414, 61.7386

Background



This preview shows how black text looks on a background with the XYZ color 76.5708, 76.3414, 61.7386.



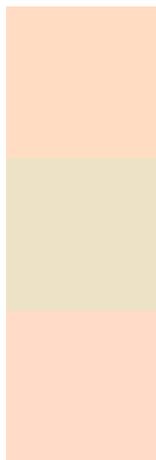
This preview shows how white text looks on a background with the XYZ color 76.5708, 76.3414,

61.7386.

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

76.5708, 76.3414, 61.7386

Protanopia

72.1995, 76.4285, 63.7702

Deuteranopia

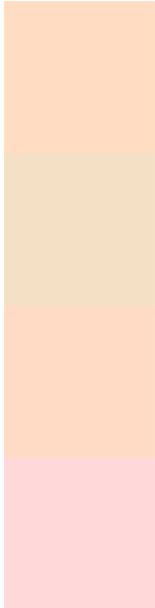
76.9968, 76.0932, 65.2729



Tritanopia

80.2197, 76.1413, 86.0700

Trichromacy



Original Color

76.5708, 76.3414, 61.7386

Protanomaly

73.9277, 76.5299, 63.0999

Deuteranomaly

76.7646, 76.0003, 64.0497

Tritanomaly

78.7077, 75.9477, 76.8407

Monochromacy



Original Color

76.5708, 76.3414, 61.7386

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.5798, 76.9854, 75.8946

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5708, 76.3414, 61.7386 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 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, 220, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 194) }
```

Border

The CSS property to change the border of an element to XYZ 76.5708, 76.3414, 61.7386 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, 194) }
```

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

```
.border{ border-color:rgb(255, 220, 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, 220, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 220, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 220, 194); box-shadow:4px 4px 4px 4px rgb(255, 220, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5708, 76.3414, 61.7386 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, 194) }
```

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

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