

Converting Colors

XYZ(75.7652, 74.7661, 61.3593)

Have a look what the booklet for
XYZ(75.7652, 74.7661, 61.3593)
contains.

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Color

**XYZ(75.7905, 74.7808,
61.4785)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD9C2
RGB	255, 217, 194
RGB Percent	100%, 85%, 76%
CMY	0.0000, 0.1490, 0.2392
CMYK	0.00, 0.15, 0.24, 0.00
HSL	23°, 100%, 88%
HSV	23°, 24%, 100%
XYZ	75.7905, 74.7808, 61.4785
YIQ	225.7400, 30.0310, 0.9030

Conversions

Conversions Part 2

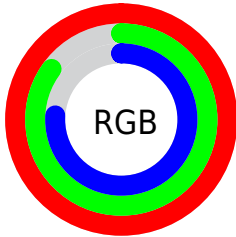
Format	Color
R _Y B	255, 231, 194
Decimal	16767426
CIE Lab	89.29, 9.82, 16.23
CIE LCh	89, 18.969, 58.829
Yxy	74.7808, 0.3574, 0.3527
Android (android.graphics.Color)	4294957506 (0xFFFFD9C2)
YUV	225.7400, -15.6478, 25.6610
Hunter-Lab	86.4759, 5.1108, 18.3820

Details

The XYZ color **75.7905, 74.7808, 61.4785** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.1539, 76.4002, 105.7097**, and the grayscale version is **72.1968, 75.9566, 82.7168**.

A 20% lighter version of the original color is **94.4126, 99.7450, 105.5434**, and **40.9427, 39.7399, 30.3236** is the 20% darker color. If you saturate the color by 10%, you get **69.2701, 65.9367, 46.3675**, and if you desaturate by 10%, it is **83.2000, 84.6162, 79.3121**.

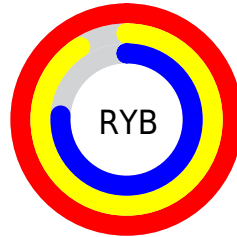
Distribution



Red (100%)

Green (85%)

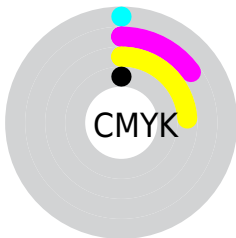
Blue (76%)



Red (100%)

Yellow (91%)

Blue (76%)

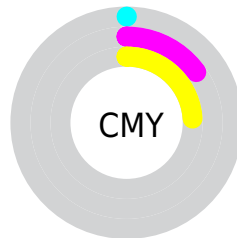


Cyan (0%)

Magenta (15%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.7905, 74.7808, 61.4785 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 75.7905, 74.7808, 61.4785 by changing the saturation by 10% instead.


 75.7905, 74.7808,
61.4785

 75.7905, 74.7808,
61.4785


469.5857,
477.1638, 447.9813

 56.5572, 55.4333,
44.1784


 126.4127,
126.0020, 108.5357

 40.8886, 39.7488,
30.4725


158.5322,
158.6446, 139.1299

 28.4193, 27.3427,
19.9425


195.6779,
196.4876, 174.9926

 18.7841, 17.8308,
12.1696

238.2151,
239.9155, 216.5422

 11.6174, 10.8286,
6.7353

286.5091,
289.3127, 264.1973

 6.5541, 5.9517,
3.2212

340.9253,

 3.2287, 2.8157,

345.0635, 318.3765

1.2087

401.8290,
407.5525, 379.4984

■ 1.2758, 1.0363,
0.0000

■ 0.1650, 0.0000,
0.0000

■ 75.7905, 74.7808,
61.4785

■ 75.7905, 74.7808,
61.4785

■ 69.2701, 65.9367,
46.3675

■ 83.2000, 84.6162,
79.3121

■ 63.5973, 58.0418,
33.8385

■ 91.5271, 95.4634,
99.9899

■ 58.7350, 51.0652,
23.7456

95.0500, 100.0000,
108.9000

■ 54.6409, 44.9708,
15.9259

■ 51.2682, 39.7192,
10.1966

■ 48.5640, 35.2676,
6.3457

■ 46.4659, 31.5680,
4.1151

■ 45.4384, 29.6567,
3.3295

Harmonies

Analogous

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



79.1742, 74.7808, 69.7255



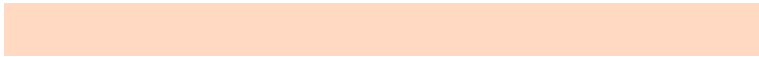
75.7905, 74.7808, 61.4785



71.2592, 74.7808, 58.4775

Triad

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



75.7905, 74.7808, 61.4785



62.5335, 74.7808, 80.9029



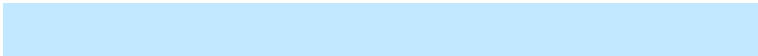
75.4616, 74.7808, 105.8943

Complementary

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



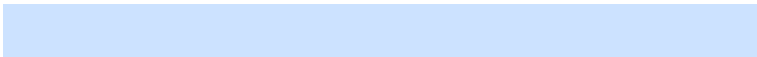
75.7905, 74.7808, 61.4785



69.1539, 76.4002, 105.7097

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.



70.8949, 74.7808, 109.7018



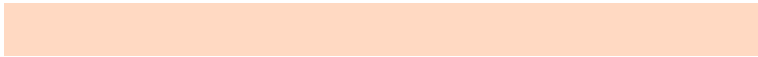
75.7905, 74.7808, 61.4785



63.5514, 74.7808, 94.3619

Square

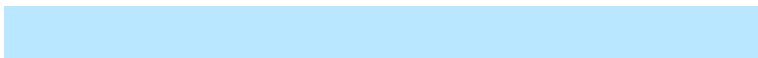
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7905, 74.7808, 61.4785



63.7207, 74.7808, 68.9137



66.5629, 74.7808, 105.2739



78.9786, 74.7808, 95.3625

Rectangle

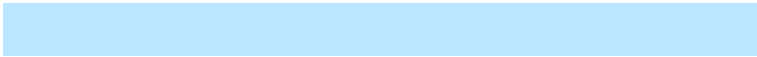
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7905, 74.7808, 61.4785



68.2391, 74.7808, 59.5754



66.5629, 74.7808, 105.2739



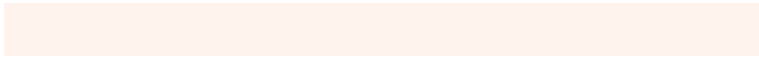
73.9923, 74.7808, 108.0504

Sweetspot

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



75.7923, 74.7841, 61.4800



88.8631, 92.0135, 93.3125



75.1879, 65.7066, 85.5367



18.9108, 19.5524, 19.6995



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.



75.7923, 74.7841, 61.4800



72.3712, 70.1694, 53.4726



84.1979, 91.5953, 64.2819



18.5707, 19.1096, 18.8541



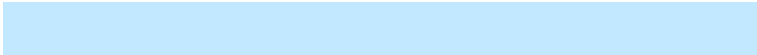
23.8744, 15.7600, 1.7837



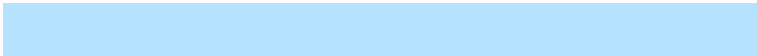
2.4256, 1.7366, 0.2074

Inverse Universe

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



69.1539, 76.4002, 105.7097



64.6172, 72.0486, 105.1088



61.4508, 60.9939, 103.1419



17.9456, 19.2628, 23.0222



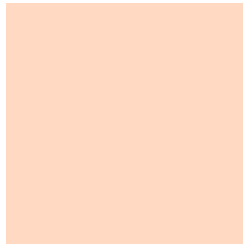
16.0430, 16.9955, 51.8695



1.6673, 1.8653, 5.0854

Previews

White Background



This preview shows how the XYZ color 75.7905, 74.7808, 61.4785 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 75.7905, 74.7808, 61.4785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

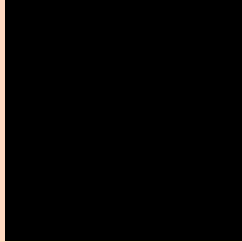
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.7905, 74.7808, 61.4785

Background



This preview shows how black text looks on a background with the XYZ color 75.7905, 74.7808, 61.4785.



This preview shows how white text looks on a background with the XYZ color 75.7905, 74.7808,

61.4785.

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

75.7905, 74.7808, 61.4785

Protanopia

70.9946, 75.0047, 63.5589

Deuteranopia

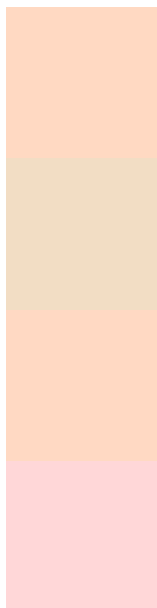
76.0167, 74.8712, 62.6696



Tritanopia

79.2902, 74.9546, 83.6874

Trichromacy



Original Color

75.7905, 74.7808, 61.4785

Protanomaly

72.4382, 74.5757, 62.8012

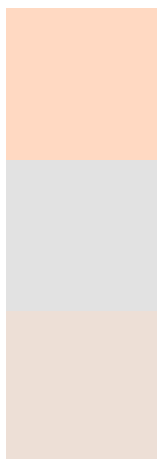
Deuteranomaly

75.9032, 74.8258, 62.0721

Tritanomaly

77.9351, 74.8187, 75.2996

Monochromacy



Original Color

75.7905, 74.7808, 61.4785

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.4503, 75.6349, 74.3461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.7905, 74.7808, 61.4785 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, 217, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 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, 217, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 194) }
```

Border

The CSS property to change the border of an element to XYZ 75.7905, 74.7808, 61.4785 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, 217, 194) }
```


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

```
.border{ border-color:rgb(255, 217, 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, 217, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 75.7905, 74.7808, 61.4785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 194) }
```

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

```
.background{ background-color: rgb(255,  
217, 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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