

Converting Colors

XYZ(76.8593, 76.4928, 63.1473)

Have a look what the booklet for
XYZ(76.8593, 76.4928, 63.1473)
contains.

XYZ(76.7970, 76.4319, 62.9298)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.7970, 76.4319,
62.9298)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDCC4
RGB	255, 220, 196
RGB Percent	100%, 86%, 77%
CMY	0.0000, 0.1372, 0.2314
CMYK	0.00, 0.14, 0.23, 0.00
HSL	24°, 100%, 88%
HSV	24°, 23%, 100%
XYZ	76.7970, 76.4319, 62.9298
YIQ	227.7290, 28.5640, -0.0440

Conversions

Conversions Part 2

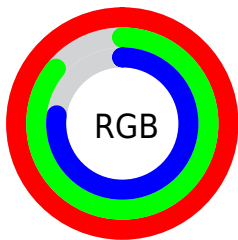
Format	Color
R _Y B	255, 236, 196
Decimal	16768196
CIE Lab	90.06, 8.55, 16.27
CIE LCh	90, 18.374, 62.283
Yxy	76.4319, 0.3553, 0.3536
Android (android.graphics.Color)	4294958276 (0xFFFFDCC4)
YUV	227.7290, -15.6424, 23.9167
Hunter-Lab	87.4253, 3.8053, 18.5201

Details

The XYZ color **76.7970, 76.4319, 62.9298** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.3901, 76.1054, 105.6403**, and the grayscale version is **73.6424, 77.4775, 84.3730**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **41.6263, 40.8690, 31.2858** is the 20% darker color. If you saturate the color by 10%, you get **70.3462, 67.7872, 47.6562**, and if you desaturate by 10%, it is **84.1040, 85.9990, 80.9244**.

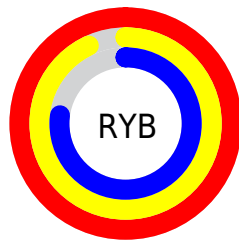
Distribution



Red (100%)

Green (86%)

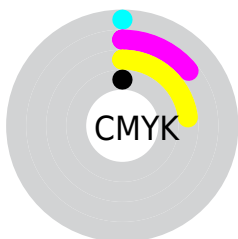
Blue (77%)



Red (100%)

Yellow (93%)

Blue (77%)

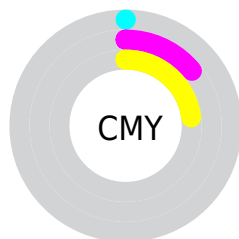


Cyan (0%)

Magenta (14%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (14%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.7970, 76.4319, 62.9298 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 76.7970, 76.4319, 62.9298 by changing the saturation by 10% instead.


 76.7970, 76.4319,
62.9298

 76.7970, 76.4319,
62.9298


472.9742,
482.8249, 453.4156

 57.3856, 56.7867,
45.3438


127.8273,
128.3372, 110.6528

 41.5563, 40.8340,
31.3834


160.1768,
161.3662, 141.6269

 28.9436, 28.1894,
20.6300


197.5699,
199.6252, 177.9008

 19.1822, 18.4685,
12.6652

240.3717,
243.4987, 219.8930

 11.9068, 11.2869,
7.0704

288.9477,
293.3710, 268.0220

 6.7520, 6.2601,
3.4271

343.6632,

 3.3524, 3.0039,

349.6265, 322.7064

1.3166

404.8836,
412.6497, 384.3648

■ 1.3428, 1.1338,
0.0754

■ 0.2149, 0.0066,
0.0000

■ 76.7970, 76.4319,
62.9298

■ 76.7970, 76.4319,
62.9298

■ 70.3462, 67.7872,
47.6562

■ 84.1040, 85.9990,
80.9244

■ 64.7117, 60.0259,
34.9643

■ 92.2940, 96.5059,
101.7602

■ 59.8584, 53.1207,
24.7096

95.0500, 100.0000,
108.9000

■ 55.7459, 47.0391,
16.7314

■ 52.3300, 41.7459,
10.8492

■ 49.5602, 37.2027,
6.8544

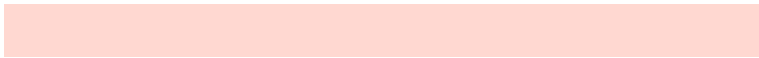
■ 47.3774, 33.3665,
4.4944

■ 46.1653, 31.1106,
3.5718

Harmonies

Analogous

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



80.3063, 76.4319, 70.5285



76.7970, 76.4319, 62.9298



72.2978, 76.4319, 60.5868

Triad

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



76.7970, 76.4319, 62.9298



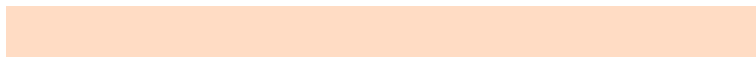
64.2403, 76.4319, 84.2248



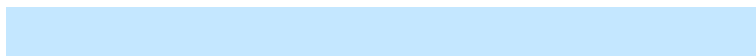
77.4260, 76.4319, 106.2831

Complementary

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



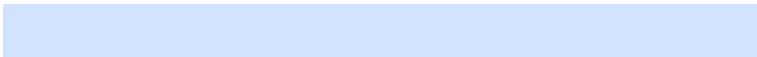
76.7970, 76.4319, 62.9298



69.3901, 76.1054, 105.6403

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.



72.9958, 76.4319, 110.8895



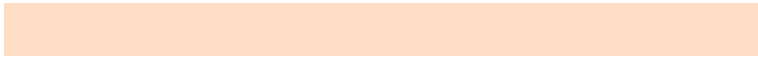
76.7970, 76.4319, 62.9298



65.4894, 76.4319, 97.3524

Square

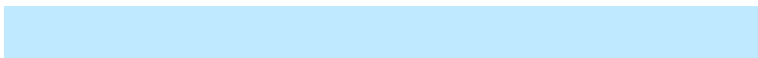
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.7970, 76.4319, 62.9298



65.1643, 76.4319, 72.0901



68.6478, 76.4319, 107.4639



80.6800, 76.4319, 95.4432

Rectangle

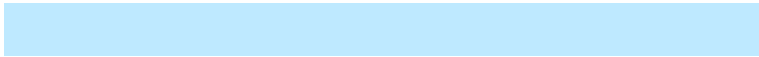
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.7970, 76.4319, 62.9298



69.3751, 76.4319, 62.0993



68.6478, 76.4319, 107.4639



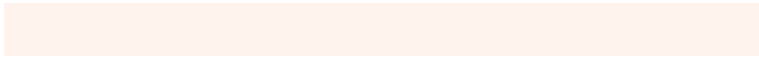
76.0186, 76.4319, 108.6602

Sweetspot

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



76.7989, 76.4353, 62.9314



89.0230, 92.3331, 93.3658



75.4608, 66.5329, 84.7633



18.9478, 19.6263, 19.7119



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.



76.7989, 76.4353, 62.9314



73.5562, 72.1167, 55.1710



85.1107, 93.0589, 65.7020



18.6162, 19.2005, 18.8692



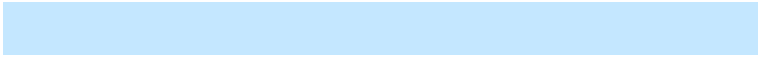
24.2599, 16.5311, 1.9122



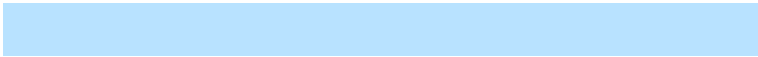
2.4661, 1.8177, 0.2209

Inverse Universe

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



69.3901, 76.1054, 105.6403



64.9041, 71.7264, 105.0315



61.9129, 61.1509, 103.1479



17.8988, 19.1692, 23.0066



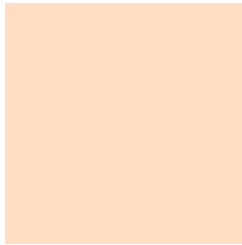
15.3855, 15.6805, 51.6503



1.6054, 1.7416, 5.0648

Previews

White Background



This preview shows how the XYZ color 76.7970, 76.4319, 62.9298 looks on a white background.

Color Contrast Check

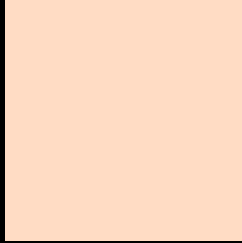
Large Text (above 18pt) WCAG AA × Fail

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 76.7970, 76.4319, 62.9298 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 76.7970, 76.4319, 62.9298

Background



This preview shows how black text looks on a background with the XYZ color 76.7970, 76.4319, 62.9298.



This preview shows how white text looks on a background with the XYZ color 76.7970, 76.4319,

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

76.7970, 76.4319, 62.9298

Protanopia

72.4302, 76.5208, 64.9853

Deuteranopia

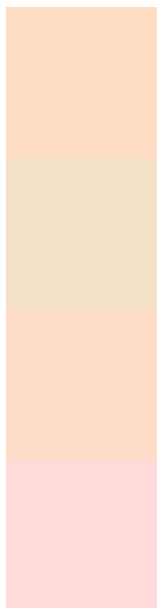
77.3758, 76.6634, 65.9777



Tritanopia

80.4767, 76.6552, 86.1557

Trichromacy



Original Color

76.7970, 76.4319, 62.9298

Protanomaly

74.1569, 76.6216, 64.3070

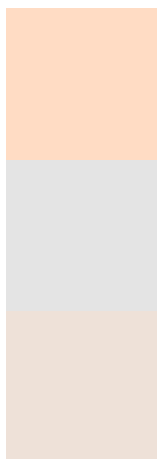
Deuteranomaly

77.1420, 76.5699, 64.7465

Tritanomaly

78.9663, 76.4648, 76.9269

Monochromacy



Original Color

76.7970, 76.4319, 62.9298

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 76.7970, 76.4319, 62.9298 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 196) }
```

Border

The CSS property to change the border of an element to XYZ 76.7970, 76.4319, 62.9298 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, 196) }
```


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

```
.border{ border-color:rgb(255, 220, 196) }
```

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, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7970, 76.4319, 62.9298 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, 196) }
```

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

```
.background{ background-color: rgb(255,  
220, 196) }
```

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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