

Converting Colors

XYZ(80.4951, 79.8882, 60.0372)

Have a look what the booklet for
XYZ(80.4951, 79.8882, 60.0372)
contains.

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Color

**XYZ(77.1899, 78.2890,
59.7581)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0BE
RGB	255, 224, 190
RGB Percent	100%, 88%, 75%
CMY	0.0000, 0.1215, 0.2549
CMYK	0.00, 0.12, 0.25, 0.00
HSL	31°, 100%, 87%
HSV	31°, 25%, 100%
XYZ	77.1899, 78.2890, 59.7581
YIQ	229.3930, 29.3900, -4.0020

Conversions

Conversions Part 2

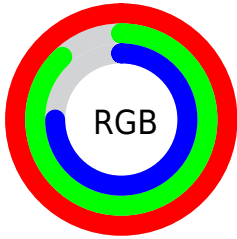
Format	Color
R_{YB}	249, 255, 190
Decimal	16769214
CIE _{Lab}	90.91, 5.67, 20.58
CIE _{LCh}	91, 21.348, 74.609
Yxy	78.2890, 0.3586, 0.3637
Android (android.graphics.Color)	4294959294 (0xFFFFE0BE)
YUV	229.3930, -19.4207, 22.4573
Hunter-Lab	88.4811, 0.8795, 21.8936

Details

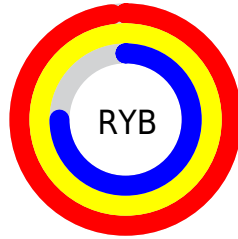
The XYZ color **77.1899, 78.2890, 59.7581** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.1409, 69.8779, 104.6622**, and the grayscale version is **74.8907, 78.7908, 85.8032**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **41.9920, 42.1878, 29.5968** is the 20% darker color. If you saturate the color by 10%, you get **71.4915, 70.9690, 45.2904**, and if you desaturate by 10%, it is **83.6135, 86.2785, 76.8750**.

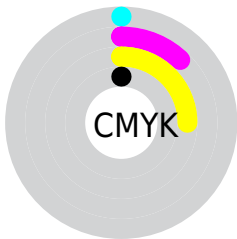
Distribution



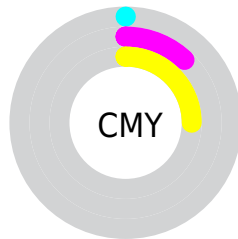
- Red (100%)
- Green (88%)
- Blue (75%)



- Red (98%)
- Yellow (100%)
- Blue (75%)



- Cyan (0%)
- Magenta (12%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (12%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.1899, 78.2890, 59.7581 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 77.1899, 78.2890, 59.7581 by changing the saturation by 10% instead.


 77.1899, 78.2890,
59.7581

 77.1899, 78.2890,
59.7581


474.2933,
489.1477, 441.4854

 57.7092, 58.3114,
42.7997


 128.3789,
130.9574, 106.0186

 41.8173, 42.0591,
29.3977


160.8180,
164.4171, 136.1578

 29.1487, 29.1475,
19.1337


198.3072,
203.1395, 171.5276

 19.3382, 19.1925,
11.5892

241.2120,
247.5092, 212.5466

 12.0204, 11.8094,
6.3455

289.8976,
297.9105, 259.6334

 6.8298, 6.6140,
2.9841

344.7294,

 3.4013, 3.2219,

354.7277, 313.2064

1.0865

406.0729,
418.3453, 373.6842

■ 1.3694, 1.2487,
0.0000

■ 0.2342, 0.1009,
0.0000

■ 77.1899, 78.2890,
59.7581

■ 77.1899, 78.2890,
59.7581

■ 71.4915, 70.9690,
45.2904

■ 83.6135, 86.2785,
76.8750

■ 66.4823, 64.2881,
33.3316

■ 90.7849, 94.9459,
96.7620

■ 62.1316, 58.2288,
23.7359

95.0500, 100.0000,
108.9000

■ 58.4034, 52.7683,
16.3400

■ 55.2577, 47.8821,
10.9597

■ 52.6486, 43.5429,
7.3801

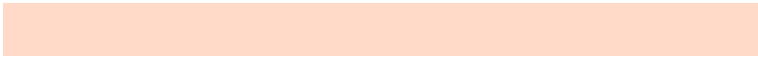
■ 50.5201, 39.7189,
5.3359

■ 49.6832, 38.1465,
4.7444

Harmonies

Analogous

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



82.0191, 78.2890, 66.0900



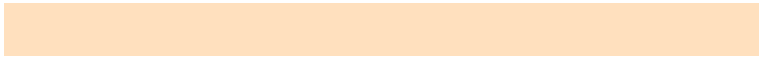
77.1899, 78.2890, 59.7581



71.8333, 78.2890, 59.6756

Triad

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



77.1899, 78.2890, 59.7581



64.8461, 78.2890, 92.9339



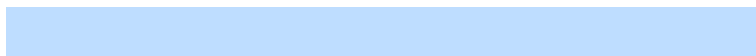
81.9127, 78.2890, 108.1146

Complementary

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



77.1899, 78.2890, 59.7581



65.1409, 69.8779, 104.6622

Split Complementary

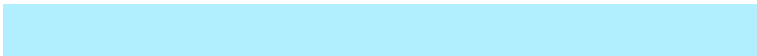
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.0503, 78.2890, 117.2350



77.1899, 78.2890, 59.7581



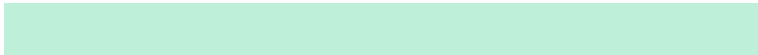
67.2892, 78.2890, 107.7801

Square

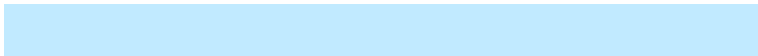
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.1899, 78.2890, 59.7581



64.8794, 78.2890, 77.6220



71.7003, 78.2890, 117.1057



84.8339, 78.2890, 93.3480

Rectangle

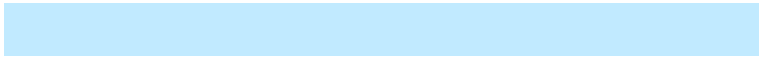
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.1899, 78.2890, 59.7581



68.6908, 78.2890, 63.1168



71.7003, 78.2890, 117.1057



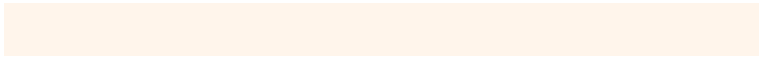
80.4410, 78.2890, 112.0172

Sweetspot

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



77.1918, 78.2925, 59.7597



88.9126, 92.7049, 91.5022



72.7607, 63.3304, 77.0878



18.7958, 19.5597, 18.9291



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.



77.1918, 78.2925, 59.7597



73.9633, 74.1762, 51.4675



85.8970, 96.2929, 62.7753



18.7958, 19.5597, 18.9291



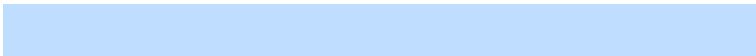
26.1112, 20.2336, 2.5293



2.6518, 2.1890, 0.2827

Inverse Universe

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



65.1409, 69.8779, 104.6622



59.8998, 64.3575, 103.8729



57.9711, 55.1351, 102.1945



17.7175, 18.8067, 22.9462



13.1893, 11.2882, 50.9183



1.3927, 1.3162, 4.9939

Previews

White Background



This preview shows how the XYZ color 77.1899, 78.2890, 59.7581 looks on a white background.

Color Contrast Check

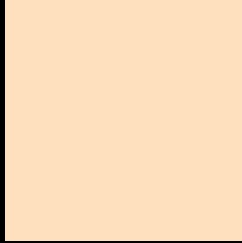
Large Text (above 18pt) WCAG AA × Fail

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 77.1899, 78.2890, 59.7581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

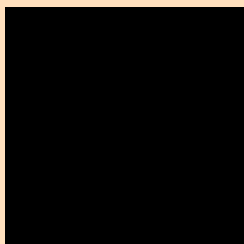
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.1899, 78.2890, 59.7581

Background



This preview shows how black text looks on a background with the XYZ color 77.1899, 78.2890, 59.7581.



This preview shows how white text looks on a background with the XYZ color 77.1899, 78.2890,

59.7581.

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

77.1899, 78.2890, 59.7581

Protanopia

74.1517, 78.7216, 61.1558

Deuteranopia

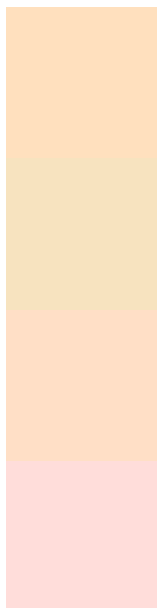
78.4072, 78.3471, 67.4899



Tritanopia

81.6845, 78.3869, 88.6669

Trichromacy



Original Color

77.1899, 78.2890, 59.7581

Protanomaly

75.2308, 78.4739, 60.4721

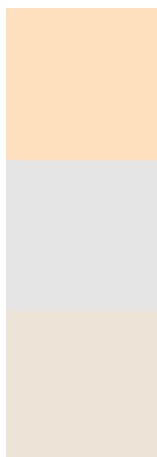
Deuteranomaly

77.8207, 78.1126, 64.4017

Tritanomaly

79.7513, 78.0349, 77.1886

Monochromacy



Original Color

77.1899, 78.2890, 59.7581

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.9947, 78.0216, 75.3970

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1899, 78.2890, 59.7581 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, 224, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 190)  
}
```

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, 224, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 190) }
```

Border

The CSS property to change the border of an element to XYZ 77.1899, 78.2890, 59.7581 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, 224, 190) }
```


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

```
.border{ border-color:rgb(255, 224, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1899, 78.2890, 59.7581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 190) }
```

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

```
.background{ background-color: rgb(255,  
224, 190) }
```

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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