

Converting Colors

XYZ(77.1422, 78.4422, 58.9762)

Have a look what the booklet for
XYZ(77.1422, 78.4422, 58.9762)
contains.

XYZ(77.0810, 78.2454, 59.1844)	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(77.0810, 78.2454,
59.1844)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0BD
RGB	255, 224, 189
RGB Percent	100%, 88%, 74%
CMY	0.0000, 0.1215, 0.2588
CMYK	0.00, 0.12, 0.26, 0.00
HSL	32°, 100%, 87%
HSV	32°, 26%, 100%
XYZ	77.0810, 78.2454, 59.1844
YIQ	229.2790, 29.7110, -4.3130

Conversions

Conversions Part 2

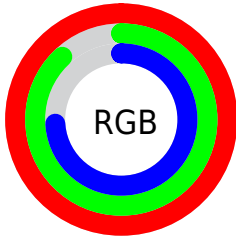
Format	Color
R _Y B	247, 255, 189
Decimal	16769213
CIE Lab	90.89, 5.53, 21.07
CIE LCh	91, 21.788, 75.292
Yxy	78.2454, 0.3593, 0.3648
Android (android.graphics.Color)	4294959293 (0xFFFFE0BD)
YUV	229.2790, -19.8575, 22.5573
Hunter-Lab	88.4564, 0.7463, 22.2498

Details

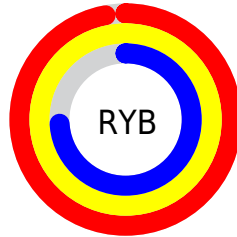
The XYZ color **77.0810, 78.2454, 59.1844** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.6288, 69.2232, 104.5628**, and the grayscale version is **74.8095, 78.7054, 85.7102**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **41.9206, 42.1593, 29.2207** is the 20% darker color. If you saturate the color by 10%, you get **71.4472, 71.0248, 44.8301**, and if you desaturate by 10%, it is **83.4319, 86.1209, 76.1806**.

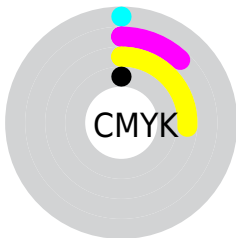
Distribution



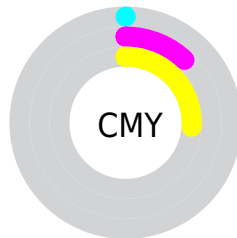
- Red (100%)
- Green (88%)
- Blue (74%)



- Red (97%)
- Yellow (100%)
- Blue (74%)



- Cyan (0%)
- Magenta (12%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (12%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.0810, 78.2454, 59.1844 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 77.0810, 78.2454, 59.1844 by changing the saturation by 10% instead.


 77.0810, 78.2454,
59.1844

 77.0810, 78.2454,
59.1844

473.9279,
488.9998, 439.3058

 57.6195, 58.2756,
42.3406


 128.2261,
130.8960, 105.1774

 41.7449, 42.0302,
29.0405


160.6403,
164.3456, 135.1636

 29.0918, 29.1250,
18.8656


198.1029,
203.0572, 170.3678

 19.2949, 19.1754,
11.3974

240.9791,
247.4153, 211.2084

 11.9889, 11.7971,
6.2173

289.6344,
297.8042, 258.1039

 6.8082, 6.6057,
2.9067

344.4340,

 3.3877, 3.2167,

354.6083, 311.4730

1.0472

405.7434,
418.2121, 371.7341

■ 1.3620, 1.2459,
0.0000

■ 0.2289, 0.0987,
0.0000

■ 77.0810, 78.2454,
59.1844

■ 77.0810, 78.2454,
59.1844

■ 71.4472, 71.0248,
44.8301

■ 83.4319, 86.1209,
76.1806

■ 66.4948, 64.4294,
32.9769

■ 90.5225, 94.6595,
95.9396

■ 62.1931, 58.4419,
23.4786

95.0500, 100.0000,
108.9000

■ 58.5064, 53.0402,
16.1714

■ 55.3947, 48.1999,
10.8700

■ 52.8119, 43.8942,
7.3582

■ 50.7019, 40.0918,
5.3679

■ 49.9386, 38.6572,
4.8295

Harmonies

Analogous

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



82.0419, 78.2454, 65.4751



77.0810, 78.2454, 59.1844



71.6219, 78.2454, 59.2469

Triad

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



77.0810, 78.2454, 59.1844



64.6500, 78.2454, 93.4160



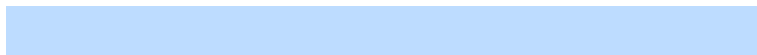
82.1231, 78.2454, 108.2700

Complementary

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



77.0810, 78.2454, 59.1844



64.6288, 69.2232, 104.5628

Split Complementary

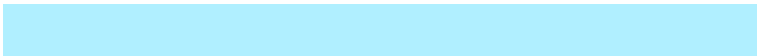
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.1873, 78.2454, 117.7926



77.0810, 78.2454, 59.1844



67.1917, 78.2454, 108.5254

Square

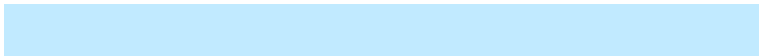
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.0810, 78.2454, 59.1844



64.6246, 78.2454, 77.7520



71.7231, 78.2454, 117.8914



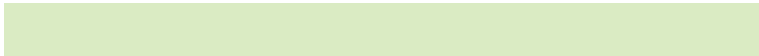
85.0487, 78.2454, 93.1004

Rectangle

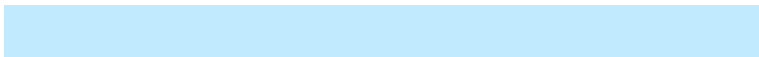
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.0810, 78.2454, 59.1844



68.4394, 78.2454, 62.8361



71.7231, 78.2454, 117.8914



80.6335, 78.2454, 112.3156

Sweetspot

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



77.0828, 78.2489, 59.1860



88.9572, 92.7942, 91.5171



72.4760, 62.8712, 76.6529



18.8070, 19.5822, 18.9328



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.



77.0828, 78.2489, 59.1860



74.1110, 74.4716, 51.5167



85.7820, 96.2462, 62.2014



18.8070, 19.5822, 18.9328



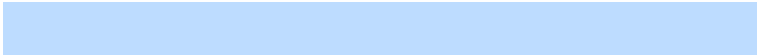
26.2449, 20.5010, 2.5738



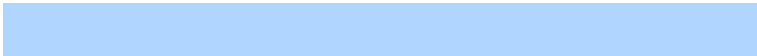
2.6648, 2.2150, 0.2871

Inverse Universe

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



64.6288, 69.2232, 104.5628



59.7558, 64.0696, 103.8249



57.5087, 54.5763, 102.1110



17.7064, 18.7843, 22.9425



13.0720, 11.0536, 50.8792



1.3810, 1.2927, 4.9900

Previews

White Background



This preview shows how the XYZ color 77.0810, 78.2454, 59.1844 looks on a white background.

Color Contrast Check

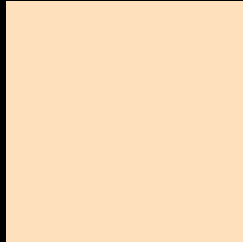
Large Text (above 18pt) WCAG AA × Fail

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 77.0810, 78.2454, 59.1844 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 77.0810, 78.2454, 59.1844

Background



This preview shows how black text looks on a background with the XYZ color 77.0810, 78.2454, 59.1844.



This preview shows how white text looks on a background with the XYZ color 77.0810, 78.2454,

59.1844.

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

77.0810, 78.2454, 59.1844

Protanopia

74.0412, 78.6775, 60.5741

Deuteranopia

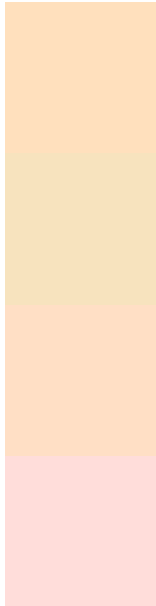
78.2883, 78.2996, 66.8642



Tritanopia

81.6845, 78.3869, 88.6669

Trichromacy



Original Color

77.0810, 78.2454, 59.1844

Protanomaly

75.1211, 78.4300, 59.8944

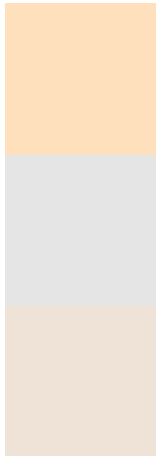
Deuteranomaly

77.7057, 78.0666, 63.7961

Tritanomaly

79.7513, 78.0349, 77.1886

Monochromacy



Original Color

77.0810, 78.2454, 59.1844

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.8666, 77.9704, 74.7222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0810, 78.2454, 59.1844 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 189) }
```

Border

The CSS property to change the border of an element to XYZ 77.0810, 78.2454, 59.1844 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, 189) }
```


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

```
.border{ border-color:rgb(255, 224, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0810, 78.2454, 59.1844 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, 189) }
```

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

```
.background{ background-color: rgb(255,  
224, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor