

Converting Colors

XYZ(77.6944, 79.5653, 59.1021)

Have a look what the booklet for
XYZ(77.6944, 79.5653, 59.1021)
contains.

XYZ(77.5135, 79.2836, 58.7948)	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(77.5135, 79.2836,
58.7948)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE2BC
RGB	255, 226, 188
RGB Percent	100%, 89%, 74%
CMY	0.0000, 0.1137, 0.2627
CMYK	0.00, 0.11, 0.26, 0.00
HSL	34°, 100%, 87%
HSV	34°, 26%, 100%
XYZ	77.5135, 79.2836, 58.7948
YIQ	230.3390, 29.4820, -5.6700

Conversions

Conversions Part 2

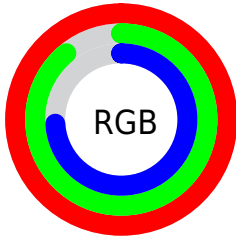
Format	Color
R_{YB}	239, 255, 188
Decimal	16769724
CIE _{Lab}	91.36, 4.37, 22.24
CIE _{LCh}	91, 22.670, 78.877
Yxy	79.2836, 0.3595, 0.3677
Android (android.graphics.Color)	4294959804 (0xFFFFE2BC)
YUV	230.3390, -20.8731, 21.6277
Hunter-Lab	89.0413, -0.4320, 23.1792

Details

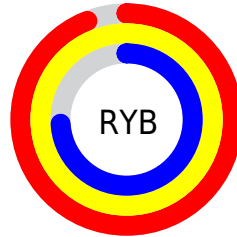
The XYZ color **77.5135, 79.2836, 58.7948** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.6012, 67.5350, 104.2912**, and the grayscale version is **75.6011, 79.5382, 86.6171**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **42.2248, 42.8809, 28.9730** is the 20% darker color. If you saturate the color by 10%, you get **72.0994, 72.4728, 44.6054**, and if you desaturate by 10%, it is **83.6103, 86.6821, 75.6099**.

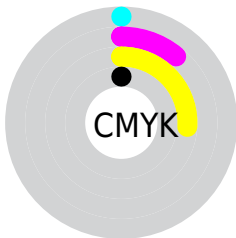
Distribution



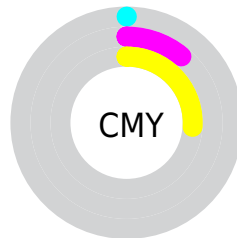
- Red (100%)
- Green (89%)
- Blue (74%)



- Red (94%)
- Yellow (100%)
- Blue (74%)



- Cyan (0%)
- Magenta (11%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (11%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.5135, 79.2836, 58.7948 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 77.5135, 79.2836, 58.7948 by changing the saturation by 10% instead.


 77.5135, 79.2836,
58.7948

 77.5135, 79.2836,
58.7948


475.3782,
492.5152, 437.8217

 57.9758, 59.1290,
42.0290


 128.8331,
132.3580, 104.6056

 42.0324, 42.7170,
28.7983


161.3457,
166.0467, 134.4876

 29.3179, 29.6631,
18.6840


198.9140,
205.0155, 169.5789

 19.4669, 19.5830,
11.2677

241.9033,
249.6488, 210.2978

 12.1141, 12.0923,
6.1307

290.6790,
300.3310, 257.0631

 6.8942, 6.8066,
2.8547

345.6065,

 3.4418, 3.3414,

357.4466, 310.2931

1.0209

407.0511,
421.3798, 370.4065

■ 1.3915, 1.3125,
0.0000

■ 0.2501, 0.1508,
0.0000

■ 77.5135, 79.2836,
58.7948

■ 77.5135, 79.2836,
58.7948

■ 72.0994, 72.4728,
44.6054

■ 83.6103, 86.6821,
75.6099

■ 67.3332, 66.2215,
32.9008

■ 90.4113, 94.6741,
95.1715

■ 63.1850, 60.5149,
23.5345

95.0500, 100.0000,
108.9000

■ 59.6202, 55.3328,
16.3425

■ 56.5999, 50.6534,
11.1388

■ 54.0788, 46.4521,
7.7061

■ 52.0016, 42.6999,
5.7740

■ 51.3117, 41.4035,
5.2872

Harmonies

Analogous

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



82.8776, 79.2836, 64.5702



77.5135, 79.2836, 58.7948



71.8301, 79.2836, 59.6583

Triad

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



77.5135, 79.2836, 58.7948



65.3557, 79.2836, 97.0000



84.0110, 79.2836, 108.9117

Complementary

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



77.5135, 79.2836, 58.7948



63.6012, 67.5350, 104.2912

Split Complementary

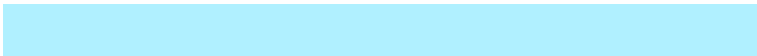
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.9968, 79.2836, 119.9502



77.5135, 79.2836, 58.7948



68.3051, 79.2836, 112.4911

Square

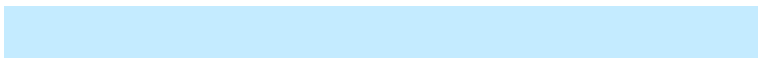
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.5135, 79.2836, 58.7948



65.0039, 79.2836, 80.3508



73.2403, 79.2836, 121.3377



86.7542, 79.2836, 92.5910

Rectangle

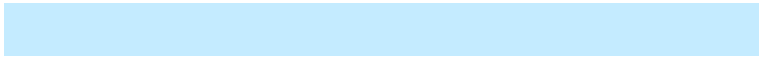
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.5135, 79.2836, 58.7948



68.6171, 79.2836, 63.9138



73.2403, 79.2836, 121.3377



82.5237, 79.2836, 113.4474

Sweetspot

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



77.5154, 79.2871, 58.7964



89.1857, 93.2512, 91.5933



71.7525, 62.2388, 73.9006



18.8646, 19.6973, 18.9520



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.



77.5154, 79.2871, 58.7964



74.3328, 75.3151, 50.3579



84.4531, 95.5736, 61.5744



18.8646, 19.6973, 18.9520



26.9628, 21.9368, 2.8131



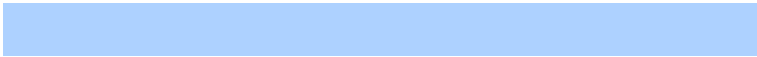
2.7339, 2.3532, 0.3101

Inverse Universe

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



63.6012, 67.5350, 104.2912



58.1022, 61.6099, 103.4373



57.8906, 54.4549, 102.0674



17.6495, 18.6707, 22.9235



12.5067, 9.9230, 50.6907



1.3239, 1.1784, 4.9710

Previews

White Background



This preview shows how the XYZ color 77.5135, 79.2836, 58.7948 looks on a white background.

Color Contrast Check

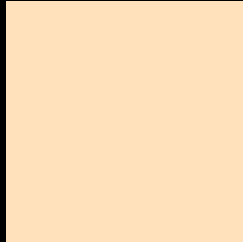
Large Text (above 18pt) WCAG AA × Fail

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 77.5135, 79.2836, 58.7948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

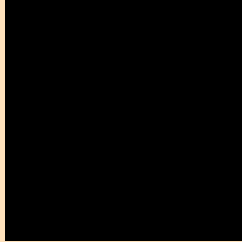
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.5135, 79.2836, 58.7948

Background



This preview shows how black text looks on a background with the XYZ color 77.5135, 79.2836, 58.7948.



This preview shows how white text looks on a background with the XYZ color 77.5135, 79.2836,

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

77.5135, 79.2836, 58.7948

Protanopia

74.8993, 79.5444, 60.1212

Deuteranopia

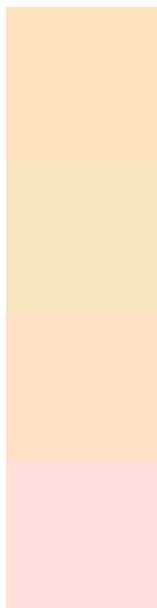
79.0643, 79.4701, 68.2989



Tritanopia

82.3567, 79.5007, 89.6018

Trichromacy



Original Color

77.5135, 79.2836, 58.7948

Protanomaly

75.9160, 79.6692, 59.5206

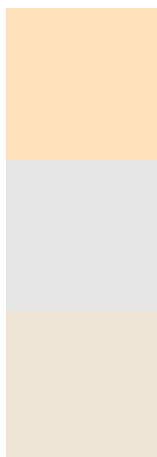
Deuteranomaly

78.3583, 79.1876, 64.5809

Tritanomaly

80.2826, 79.0973, 77.3656

Monochromacy



Original Color

77.5135, 79.2836, 58.7948

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.8817, 79.2956, 75.5962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5135, 79.2836, 58.7948 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, 226, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 226, 188)  
}
```

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, 226, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 226, 188) }
```

Border

The CSS property to change the border of an element to XYZ 77.5135, 79.2836, 58.7948 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, 226, 188) }
```


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

```
.border{ border-color:rgb(255, 226, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 226, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 226, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 226, 188); box-shadow:4px 4px 4px 4px rgb(255, 226, 188) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5135, 79.2836, 58.7948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 226, 188) }
```

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

```
.background{ background-color: rgb(255,  
226, 188) }
```

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