

Converting Colors

XYZ(119.3620, 100.0000,
65.3987)

Have a look what the booklet for
XYZ(119.3620, 100.0000, 65.3987)
contains.

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Color

**XYZ(77.8595, 78.5568,
63.2839)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE0C4
RGB	255, 224, 196
RGB Percent	100%, 88%, 77%
CMY	0.0000, 0.1215, 0.2314
CMYK	0.00, 0.12, 0.23, 0.00
HSL	28°, 100%, 88%
HSV	28°, 23%, 100%
XYZ	77.8595, 78.5568, 63.2839
YIQ	230.0770, 27.4640, -2.1360

Conversions

Conversions Part 2

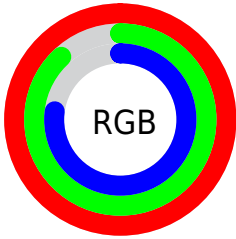
Format	Color
R_{YB}	255, 249, 196
Decimal	16769220
CIE _{Lab}	91.03, 6.49, 17.63
CIE _{LCh}	91, 18.788, 69.805
Yxy	78.5568, 0.3544, 0.3576
Android (android.graphics.Color)	4294959300 (0xFFFFE0C4)
YUV	230.0770, -16.8000, 21.8575
Hunter-Lab	88.6323, 1.6978, 19.7092

Details

The XYZ color **77.8595, 78.5568, 63.2839** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.2833, 73.8918, 105.2714**, and the grayscale version is **75.3786, 79.3041, 86.3622**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **42.3592, 42.3347, 31.5300** is the 20% darker color. If you saturate the color by 10%, you get **71.7408, 70.5763, 48.1210**, and if you desaturate by 10%, it is **84.7589, 87.3088, 81.1427**.

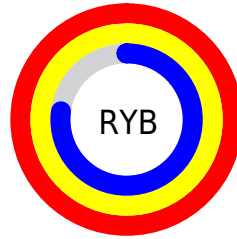
Distribution



Red (100%)

Green (88%)

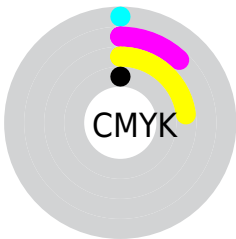
Blue (77%)



Red (100%)

Yellow (98%)

Blue (77%)

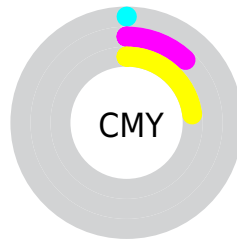


Cyan (0%)

Magenta (12%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.8595, 78.5568, 63.2839 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 77.8595, 78.5568, 63.2839 by changing the saturation by 10% instead.


 77.8595, 78.5568,
63.2839

 77.8595, 78.5568,
63.2839


476.5367,
490.0557, 454.7354

 58.2610, 58.5315,
45.6284


129.3185,
131.3347, 111.1685

 42.2625, 42.2361,
31.6062


161.9096,
164.8562, 142.2348

 29.4989, 29.2862,
20.7985


199.5623,
203.6451, 178.6083

 19.6048, 19.2974,
12.7870

242.6419,
248.0858, 220.7078

 12.2147, 11.8854,
7.1531

291.5138,
298.5629, 268.9517

 6.9633, 6.6657,
3.4781

346.5433,

 3.4853, 3.2539,

355.4607, 323.7586

1.3436

408.0958,
419.1635, 385.5469

■ 1.4153, 1.2657,
0.0972

■ 0.2671, 0.1144,
0.0000

■ 77.8595, 78.5568,
63.2839

■ 77.8595, 78.5568,
63.2839

■ 71.7408, 70.5763,
48.1210

■ 84.7589, 87.3088,
81.1427

■ 66.3659, 63.3342,
35.5156

■ 92.4630, 96.8439,
101.8166

■ 61.7027, 56.8094,
25.3244

95.0500, 100.0000,
108.9000

■ 57.7144, 50.9761,
17.3876

■ 54.3601, 45.8062,
11.5259

■ 51.5934, 41.2690,
7.5321

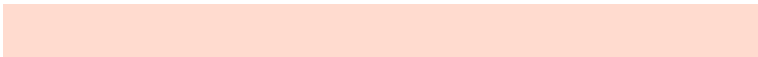
■ 49.3589, 37.3296,
5.1550

■ 48.0822, 34.9444,
4.2107

Harmonies

Analogous

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



81.8954, 78.5568, 69.8765



77.8595, 78.5568, 63.2839



73.1231, 78.5568, 62.2875

Triad

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



77.8595, 78.5568, 63.2839



66.0328, 78.5568, 90.0617



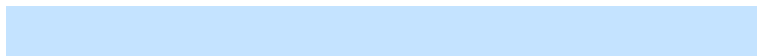
80.6593, 78.5568, 107.2160

Complementary

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



77.8595, 78.5568, 63.2839



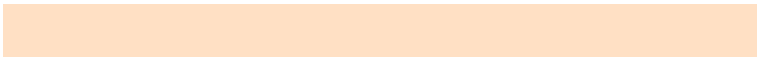
68.2833, 73.8918, 105.2714

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.



76.2302, 78.5568, 113.9480



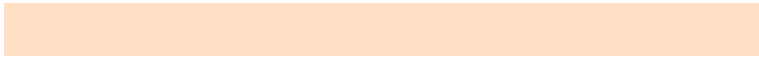
77.8595, 78.5568, 63.2839



67.8749, 78.5568, 103.3737

Square

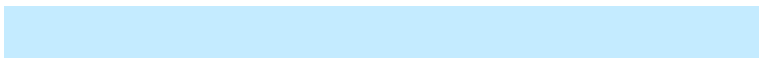
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.8595, 78.5568, 63.2839



66.4275, 78.5568, 76.8294



71.5608, 78.5568, 112.4719



83.5587, 78.5568, 94.8746

Rectangle

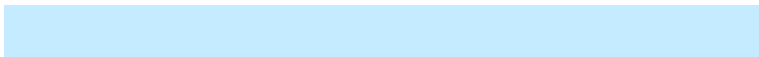
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.8595, 78.5568, 63.2839



70.2228, 78.5568, 64.8091



71.5608, 78.5568, 112.4719



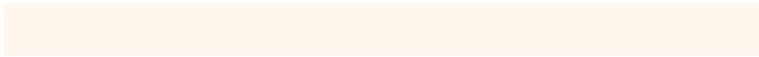
79.2925, 78.5568, 110.2663

Sweetspot

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



77.8613, 78.5602, 63.2855



89.3891, 93.0655, 93.4878



74.9101, 66.3126, 81.8632



19.0325, 19.7958, 19.7401



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.



77.8613, 78.5602, 63.2855



74.7895, 74.5832, 55.5820



86.3398, 95.5172, 66.1117



18.7205, 19.4092, 18.9040



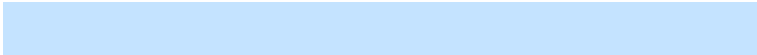
25.2711, 18.5534, 2.2492



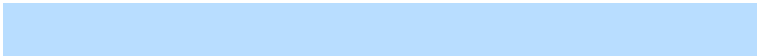
2.5690, 2.0234, 0.2552

Inverse Universe

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



68.2833, 73.8918, 105.2714



63.6067, 69.1315, 104.5990



61.0023, 59.3297, 102.8444



17.7928, 18.9572, 22.9713



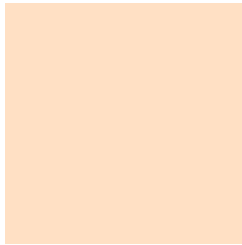
14.0339, 12.9774, 51.1998



1.4759, 1.4824, 5.0216

Previews

White Background



This preview shows how the XYZ color 77.8595, 78.5568, 63.2839 looks on a white background.

Color Contrast Check

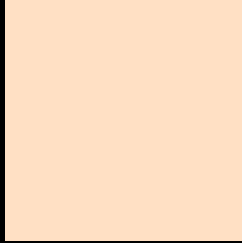
Large Text (above 18pt) WCAG AA × Fail

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 77.8595, 78.5568, 63.2839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

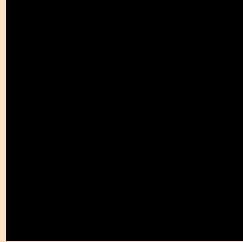
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.8595, 78.5568, 63.2839

Background



This preview shows how black text looks on a background with the XYZ color 77.8595, 78.5568, 63.2839.

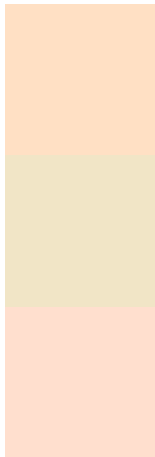


This preview shows how white text looks on a background with the XYZ color 77.8595, 78.5568,

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

77.8595, 78.5568, 63.2839

Protanopia

74.4880, 78.8166, 64.7133

Deuteranopia

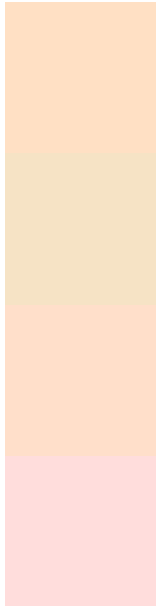
78.7683, 78.4916, 69.3914



Tritanopia

81.6845, 78.3869, 88.6669

Trichromacy



Original Color

77.8595, 78.5568, 63.2839

Protanomaly

75.5532, 78.5622, 64.0053

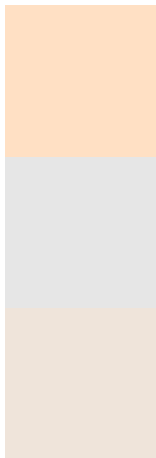
Deuteranomaly

78.2883, 78.2996, 66.8642

Tritanomaly

80.0147, 78.1402, 78.5755

Monochromacy



Original Color

77.8595, 78.5568, 63.2839

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

75.9949, 78.8995, 77.5534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.8595, 78.5568, 63.2839 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 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, 224, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 196) }
```

Border

The CSS property to change the border of an element to XYZ 77.8595, 78.5568, 63.2839 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, 196) }
```


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

```
.border{ border-color:rgb(255, 224, 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, 224, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 77.8595, 78.5568, 63.2839 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, 196) }
```

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

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