

Converting Colors

XYZ(83.1599, 84.5786, 79.1674)

Have a look what the booklet for
XYZ(83.1599, 84.5786, 79.1674)
contains.

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Color

**XYZ(83.1651, 84.6523,
78.9741)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE9DB
RGB	255, 233, 219
RGB Percent	100%, 91%, 86%
CMY	0.0000, 0.0863, 0.1412
CMYK	0.00, 0.09, 0.14, 0.00
HSL	23°, 100%, 93%
HSV	23°, 14%, 100%
XYZ	83.1651, 84.6523, 78.9741
YIQ	237.9820, 17.6060, 0.3100

Conversions

Conversions Part 2

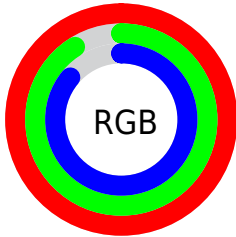
Format	Color
R _Y B	255, 242, 219
Decimal	16771547
CIE Lab	93.73, 5.24, 9.50
CIE LCh	94, 10.850, 61.102
Yxy	84.6523, 0.3370, 0.3430
Android (android.graphics.Color)	4294961627 (0xFFFFE9DB)
YUV	237.9820, -9.3581, 14.9248
Hunter-Lab	92.0067, 0.3350, 13.5130

Details

The XYZ color **83.1651, 84.6523, 78.9741** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **78.7179, 85.1883, 106.9019**, and the grayscale version is **81.3165, 85.5512, 93.1653**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.7117, 46.1304, 41.6167** is the 20% darker color. If you saturate the color by 10%, you get **75.8446, 74.9785, 61.2209**, and if you desaturate by 10%, it is **91.3933, 95.3178, 99.5692**.

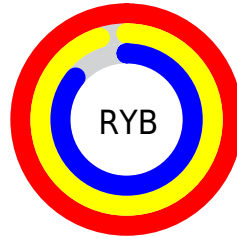
Distribution



Red (100%)

Green (91%)

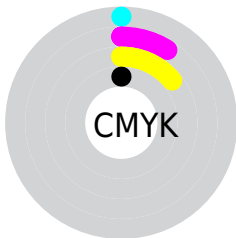
Blue (86%)



Red (100%)

Yellow (95%)

Blue (86%)

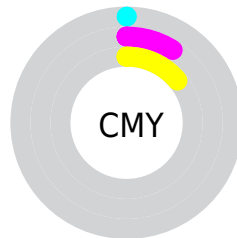


Cyan (0%)

Magenta (9%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.1651, 84.6523, 78.9741 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 83.1651, 84.6523, 78.9741 by changing the saturation by 10% instead.


 83.1651, 84.6523,
78.9741

 83.1651, 84.6523,
78.9741


494.1122,
510.4768, 511.0840

 62.6437, 63.5541,
58.3533


136.7340,
139.8873, 133.7207

 45.8106, 46.2896,
41.6762

170.5122,
174.7929, 168.6837

 32.3004, 32.4744,
28.5241


209.4401,
215.0697, 209.2644

 21.7477, 21.7241,
18.4787

253.8831,
261.1023, 255.8815

 13.7872, 13.6543,
11.1212

304.2064,
313.2748, 308.9534

 8.0535, 7.8807,
6.0332

360.7755,

 4.1813, 4.0187,

371.9719, 368.8988

2.7962

423.9556,
437.5777, 436.1362

■ 1.8052, 1.6840,
0.9915

■ 0.5208, 0.4133,
0.0000

■ 83.1651, 84.6523,
78.9741

■ 83.1651, 84.6523,
78.9741

■ 75.8446, 74.9785,
61.2209

■ 91.3933, 95.3178,
99.5692

■ 69.3926, 66.2564,
46.1780

95.0500, 100.0000,
108.9000

■ 63.7755, 58.4585,
33.7114

■ 58.9549, 51.5522,
23.6735

■ 54.8893, 45.5025,
15.9013

■ 51.5327, 40.2719,
10.2117

■ 48.8328, 35.8190,
6.3925

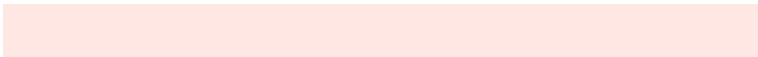
■ 46.7277, 32.0975,
4.1846

■ 45.7211, 30.2222,
3.4237

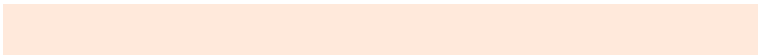
Harmonies

Analogous

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



85.2944, 84.6523, 84.2207



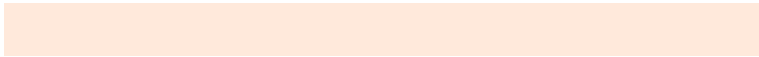
83.1651, 84.6523, 78.9741



80.3531, 84.6523, 77.2087

Triad

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



83.1651, 84.6523, 78.9741



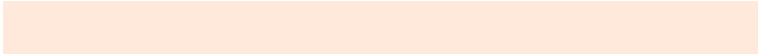
75.0494, 84.6523, 92.4772



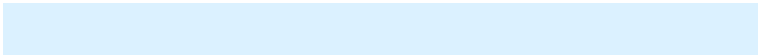
83.3537, 84.6523, 106.4280

Complementary

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



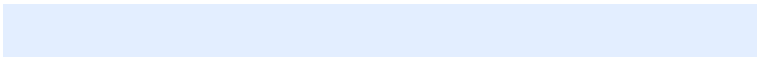
83.1651, 84.6523, 78.9741



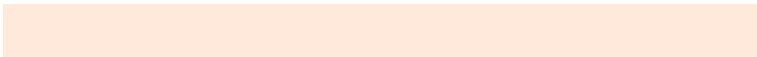
78.7179, 85.1883, 106.9019

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.



80.5660, 84.6523, 108.9534



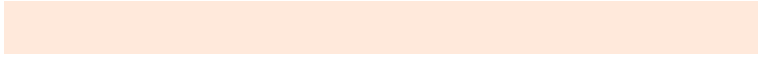
83.1651, 84.6523, 78.9741



75.8108, 84.6523, 100.6085

Square

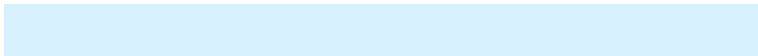
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.1651, 84.6523, 78.9741



75.7085, 84.6523, 84.7189



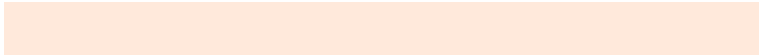
77.8132, 84.6523, 106.7639



85.4051, 84.6523, 100.0498

Rectangle

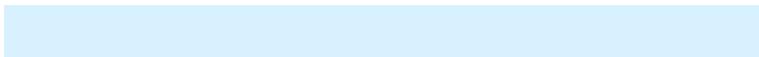
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.1651, 84.6523, 78.9741



78.4824, 84.6523, 78.1549



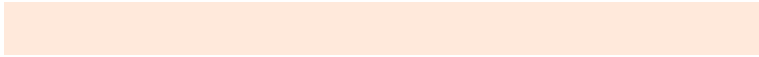
77.8132, 84.6523, 106.7639



82.4695, 84.6523, 107.7722

Sweetspot

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



83.1671, 84.6559, 78.9759



91.4950, 95.4485, 99.8273



82.4792, 78.2868, 94.1401



19.4442, 20.2506, 21.0133



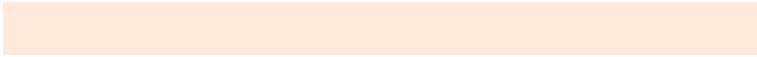
0.0000, 0.0000, 0.0000



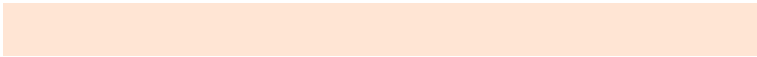
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.1671, 84.6559, 78.9759



80.9647, 81.7661, 73.5713



88.4612, 95.2442, 80.7406



18.5889, 19.1459, 18.8601



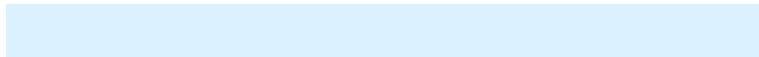
24.0245, 16.0602, 1.8337



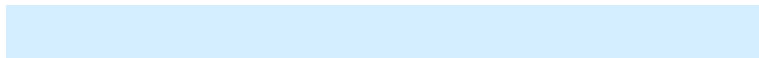
2.4415, 1.7684, 0.2127

Inverse Universe

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



78.7179, 85.1883, 106.9019



75.7146, 82.3931, 106.5206



73.7055, 75.1635, 105.2310



17.9268, 19.2253, 23.0160



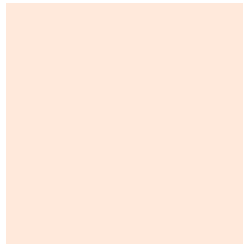
15.7751, 16.4598, 51.7802



1.6422, 1.8150, 5.0771

Previews

White Background



This preview shows how the XYZ color 83.1651, 84.6523, 78.9741 looks on a white background.

Color Contrast Check

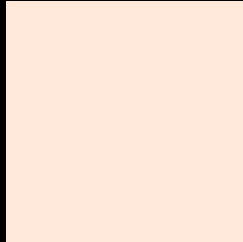
Large Text (above 18pt) WCAG AA × Fail

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 83.1651, 84.6523, 78.9741 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

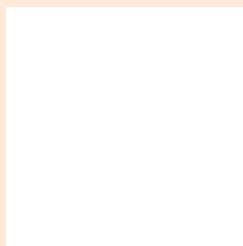
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 83.1651, 84.6523, 78.9741

Background



This preview shows how black text looks on a background with the XYZ color 83.1651, 84.6523, 78.9741.



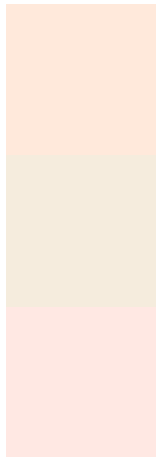
This preview shows how white text looks on a background with the XYZ color 83.1651, 84.6523,

78.9741.

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

83.1651, 84.6523, 78.9741

Protanopia

80.7028, 84.6238, 80.4872

Deuteranopia

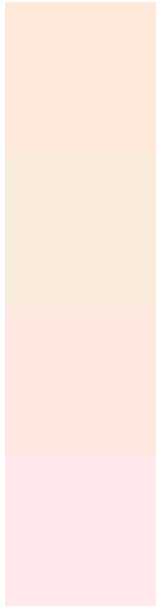
83.9617, 84.5193, 84.5616



Tritanopia

86.0182, 84.4462, 98.1523

Trichromacy



Original Color

83.1651, 84.6523, 78.9741

Protanomaly

81.6935, 84.7237, 79.7577

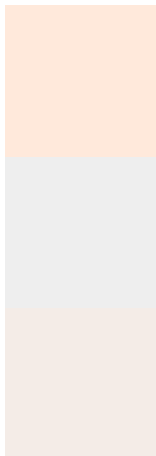
Deuteranomaly

83.5512, 84.3550, 82.3995

Tritanomaly

84.9562, 84.4680, 91.1832

Monochromacy



Original Color

83.1651, 84.6523, 78.9741

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.7275, 84.9935, 87.6992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.1651, 84.6523, 78.9741 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, 233, 219) looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 219)  
}
```

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, 233, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 219) }
```

Border

The CSS property to change the border of an element to XYZ 83.1651, 84.6523, 78.9741 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, 233, 219) }
```


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

```
.border{ border-color:rgb(255, 233, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 233, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 83.1651, 84.6523, 78.9741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 219) }
```

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

```
.background{ background-color: rgb(255,  
233, 219) }
```

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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