

Converting Colors

XYZ(79.2205, 81.8515, 75.9248)

Have a look what the booklet for
XYZ(79.2205, 81.8515, 75.9248)
contains.

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Color

**XYZ(79.1994, 81.8323,
75.9109)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E7D7
RGB	247, 231, 215
RGB Percent	97%, 91%, 84%
CMY	0.0314, 0.0941, 0.1569
CMYK	0.00, 0.06, 0.13, 0.03
HSL	30°, 67%, 91%
HSV	30°, 13%, 97%
XYZ	79.1994, 81.8323, 75.9109
YIQ	233.9600, 14.6720, -1.5840

Conversions

Conversions Part 2

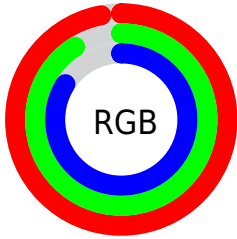
Format	Color
R_{YB}	247, 247, 215
Decimal	16246743
CIE Lab	92.50, 2.83, 9.73
CIE LCh	93, 10.132, 73.783
Yxy	81.8323, 0.3343, 0.3454
Android (android.graphics.Color)	4294436823 (0xFFF7E7D7)
YUV	233.9600, -9.3473, 11.4361
Hunter-Lab	90.4612, -2.0292, 13.5694

Details

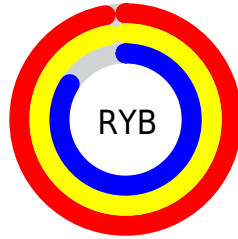
The XYZ color **79.1994, 81.8323, 75.9109** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.3884, 78.3126, 99.2442**, and the grayscale version is **78.2391, 82.3136, 89.6395**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1610, 44.2744, 39.5287** is the 20% darker color. If you saturate the color by 10%, you get **72.9282, 73.9909, 59.3261**, and if you desaturate by 10%, it is **86.1981, 90.3602, 95.1041**.

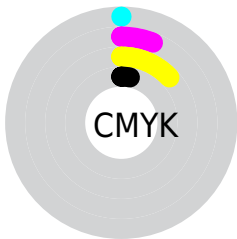
Distribution



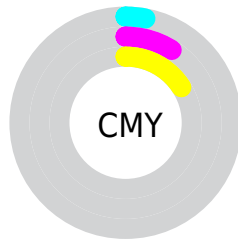
- Red (97%)
- Green (91%)
- Blue (84%)



- Red (97%)
- Yellow (97%)
- Blue (84%)



- Cyan (0%)
- Magenta (6%)
- Yellow (13%)
- Black (3%)





- Cyan (3%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.1994, 81.8323, 75.9109 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 79.1994, 81.8323, 75.9109 by changing the saturation by 10% instead.


 79.1994, 81.8323,
75.9109

 79.1994, 81.8323,
75.9109


481.0084,
501.0866, 500.3814

 59.3660, 61.2273,
55.8532


131.1960,
135.9388, 129.3599

 43.1553, 44.4086,
39.6821


164.0898,
170.2091, 163.5883

 30.2020, 30.9919,
26.9788


202.0679,
209.8033, 203.3773

 20.1408, 20.5927,
17.3250

245.4955,
255.1058, 249.1456

 12.6063, 12.8266,
10.3021

294.7380,
306.5010, 301.3116

 7.2331, 7.3092,
5.4915

350.1607,

 3.6559, 3.6562,

364.3732, 360.2938

2.4747

412.1291,
429.1070, 426.5109

■ 1.5094, 1.4832,
0.8267

■ 0.3322, 0.2769,
0.0000

■ 79.1994, 81.8323,
75.9109

■ 79.1994, 81.8323,
75.9109

■ 72.9282, 73.9909,
59.3261

■ 86.1981, 90.3602,
95.1041

■ 67.3513, 66.8066,
45.2302

■ 92.1681, 98.5143,
108.7651

■ 62.4429, 60.2634,
33.5018

■ 58.1726, 54.3407,
24.0073

■ 54.5072, 49.0165,
16.5996

■ 51.4101, 44.2668,
11.1137

■ 48.8394, 40.0654,
7.3593

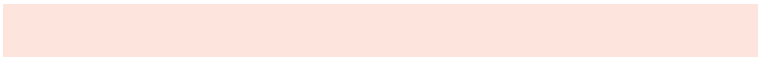
■ 46.7457, 36.3825,
5.1057

■ 45.5079, 34.0740,
4.1784

Harmonies

Analogous

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



81.4860, 81.8323, 79.4551



79.1994, 81.8323, 75.9109



76.5810, 81.8323, 75.7680

Triad

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



79.1994, 81.8323, 75.9109



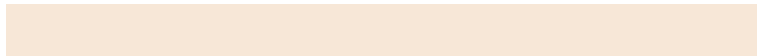
72.9723, 81.8323, 92.5953



81.3295, 81.8323, 99.9673

Complementary

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



79.1994, 81.8323, 75.9109



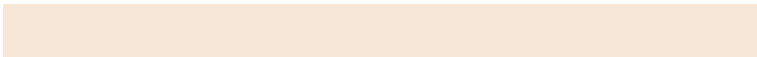
73.3884, 78.3126, 99.2442

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.



78.9897, 81.8323, 103.9140



79.1994, 81.8323, 75.9109



74.1865, 81.8323, 99.4986

Square

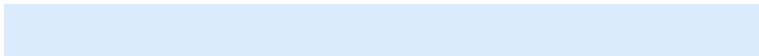
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.1994, 81.8323, 75.9109



73.0256, 81.8323, 85.1193



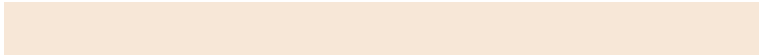
76.3760, 81.8323, 103.7378



82.7346, 81.8323, 93.2059

Rectangle

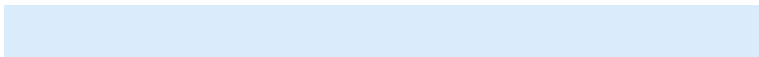
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.1994, 81.8323, 75.9109



75.0021, 81.8323, 77.6025



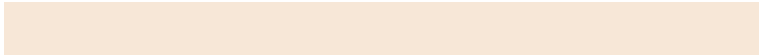
76.3760, 81.8323, 103.7378



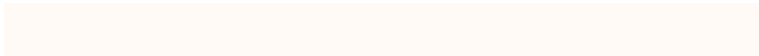
80.6240, 81.8323, 101.6837

Sweetspot

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



79.2016, 81.8359, 75.9126



91.8459, 96.1504, 99.9443



77.0829, 74.1456, 85.8511



19.5329, 20.4281, 21.0429



0.0000, 0.0000, 0.0000



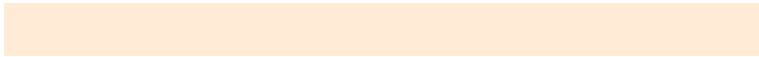
20.3446, 21.4041, 23.3091

Same Dimension

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



79.2016, 81.8359, 75.9126



82.9989, 85.3167, 75.8456



83.8850, 91.2027, 77.4738



17.1839, 17.8520, 17.3377



24.2096, 18.3047, 2.2572



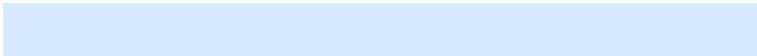
2.2305, 1.8143, 0.2326

Inverse Universe

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



73.3884, 78.3126, 99.2442



75.4321, 80.7306, 106.2146



69.1143, 69.7645, 97.8195



16.2655, 17.2954, 21.0236



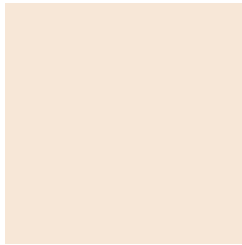
12.7974, 11.3885, 48.0617



1.2275, 1.2065, 4.2584

Previews

White Background



This preview shows how the XYZ color 79.1994, 81.8323, 75.9109 looks on a white background.

Color Contrast Check

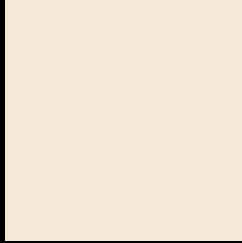
Large Text (above 18pt) WCAG AA × Fail

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 79.1994, 81.8323, 75.9109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

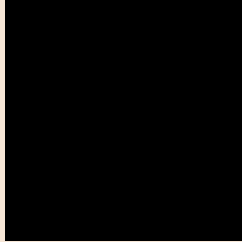
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.1994, 81.8323, 75.9109

Background



This preview shows how black text looks on a background with the XYZ color 79.1994, 81.8323, 75.9109.

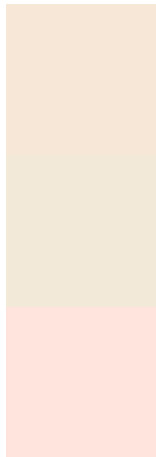


This preview shows how white text looks on a background with the XYZ color 79.1994, 81.8323,

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

79.1994, 81.8323, 75.9109

Protanopia

78.1515, 82.1129, 76.6961

Deuteranopia

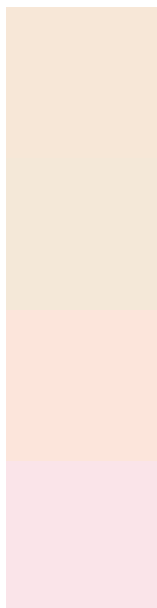
82.0345, 81.9673, 79.9042



Tritanopia

83.5819, 81.9791, 97.0063

Trichromacy



Original Color

79.1994, 81.8323, 75.9109

Protanomaly

78.5595, 81.9042, 76.6343

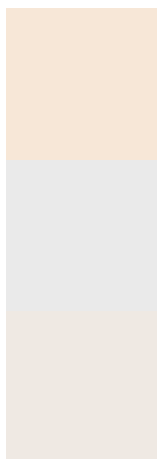
Deuteranomaly

80.9504, 81.8485, 78.5496

Tritanomaly

81.8757, 81.6940, 88.5440

Monochromacy



Original Color

79.1994, 81.8323, 75.9109

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.6006, 82.1746, 84.3916

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1994, 81.8323, 75.9109 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(247, 231, 215)` looks like.

```
.text, #text, p{  
    color:rgb(247, 231, 215)  
}
```

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(247, 231, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 231, 215) }
```

Border

The CSS property to change the border of an element to XYZ 79.1994, 81.8323, 75.9109 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(247, 231, 215) }
```


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

```
.border{ border-color:rgb(247, 231, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 231, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 231, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 231, 215);  
box-shadow:4px 4px 4px 4px rgb(247, 231,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1994, 81.8323, 75.9109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 231, 215) }
```

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

```
.background{ background-color: rgb(247,  
231, 215) }
```

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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