

Converting Colors

XYZ(82.5031, 79.8196, 96.6500)

Have a look what the booklet for
XYZ(82.5031, 79.8196, 96.6500)
contains.

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Color

**XYZ(82.5005, 79.8162,
96.6458)**

Conversions

Conversions Part 1

Format	Color
Hex	FBDF4
RGB	251, 223, 244
RGB Percent	98%, 87%, 96%
CMY	0.0157, 0.1255, 0.0431
CMYK	0.00, 0.11, 0.03, 0.02
HSL	315°, 78%, 93%
HSV	315°, 11%, 98%
XYZ	82.5005, 79.8162, 96.6458
YIQ	233.7660, 9.9470, 12.4670

Conversions

Conversions Part 2

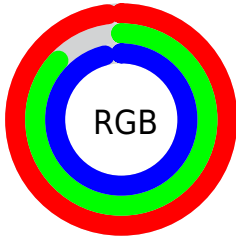
Format	Color
R_{YB}	251, 223, 244
Decimal	16506868
CIE _{Lab}	91.60, 13.15, -6.69
CIE _{LCh}	92, 14.753, 333.048
Yxy	79.8162, 0.3186, 0.3082
Android (android.graphics.Color)	4294696948 (0xFFFBDF4)
YUV	233.7660, 5.0454, 15.1142
Hunter-Lab	89.3399, 8.4901, -1.6006

Details

The XYZ color **82.5005, 79.8162, 96.6458** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.2146, 90.3978, 88.1407**, and the grayscale version is **77.9895, 82.0511, 89.3536**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3279, 43.1054, 53.5081** is the 20% darker color. If you saturate the color by 10%, you get **75.3490, 67.0114, 89.6408**, and if you desaturate by 10%, it is **90.6831, 94.6290, 104.1566**.

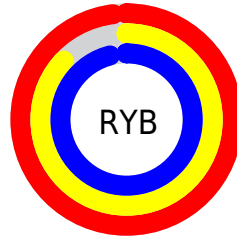
Distribution



Red (98%)

Green (87%)

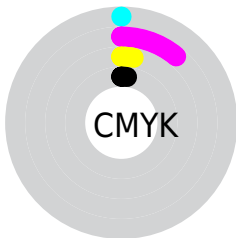
Blue (96%)



Red (98%)

Yellow (87%)

Blue (96%)

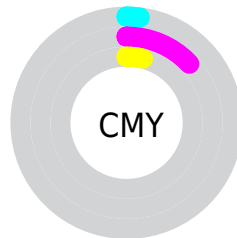


Cyan (0%)

Magenta (11%)

Yellow (3%)

Black (2%)



Cyan (2%)

Magenta (13%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.5005, 79.8162, 96.6458 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 82.5005, 79.8162, 96.6458 by changing the saturation by 10% instead.

82.5005, 79.8162,
96.6458

82.5005, 79.8162,
96.6458

491.9295,
494.3132, 570.5389

62.0937, 59.5671,
72.9011

135.8078,
133.1073, 158.5515

45.3643, 43.0698,
53.4038

169.4390,
166.9181, 197.5495

31.9470, 29.9399,
37.7353

208.2091,
206.0182, 242.4691

21.4763, 19.7930,
25.4770

252.4833,
250.7921, 293.7288

13.5871, 12.2446,
16.2106

302.6271,
301.6242, 351.7470

7.9138, 6.9105,
9.5173

359.0059,

4.0912, 3.4062,

358.8988, 416.9424

4.9787

421.9849,
423.0003, 489.7336

■ 1.7539, 1.3473,
2.1763

■ 0.4896, 0.1774,
0.6606

■ 82.5005, 79.8162,
96.6458

■ 82.5005, 79.8162,
96.6458

■ 75.3490, 67.0114,
89.6408

■ 90.6831, 94.6290,
104.1566

■ 69.1779, 56.1170,
83.1201

■ 93.5943, 99.2495,
108.8319

■ 63.9422, 47.0427,
77.0682

■ 59.5910, 39.6867,
71.4664

■ 56.0679, 33.9374,
66.2944

■ 53.3104, 29.6698,
61.5296

■ 51.2464, 26.7404,
57.1463

■ 49.7894, 24.9769,
53.1139

■ 48.8874, 24.1508,
49.7981

Harmonies

Analogous

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



79.8796, 79.8162, 105.4685



82.5005, 79.8162, 96.6458



83.3239, 79.8162, 85.8085

Triad

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



82.5005, 79.8162, 96.6458



75.4786, 79.8162, 67.8037



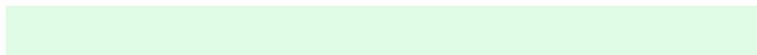
69.9553, 79.8162, 98.7100

Complementary

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



82.5005, 79.8162, 96.6458



79.2146, 90.3978, 88.1407

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.



68.8612, 79.8162, 88.0134



82.5005, 79.8162, 96.6458



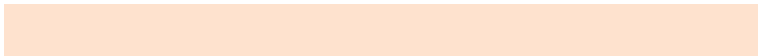
71.9832, 79.8162, 70.6607

Square

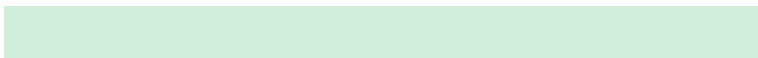
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



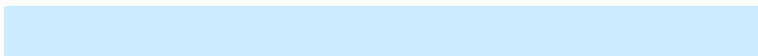
82.5005, 79.8162, 96.6458



79.1915, 79.8162, 69.7047



69.5912, 79.8162, 77.8441



72.6289, 79.8162, 106.7278

Rectangle

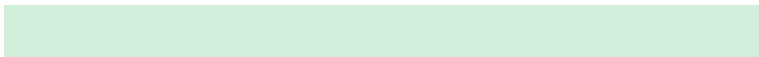
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.5005, 79.8162, 96.6458



82.7211, 79.8162, 79.0395



69.5912, 79.8162, 77.8441



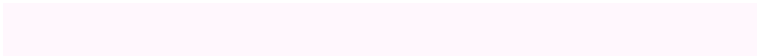
69.3947, 79.8162, 95.2785

Sweetspot

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



82.5028, 79.8197, 96.6475



92.3514, 95.0932, 106.4887



76.4367, 76.5673, 102.0185



19.6162, 20.0802, 22.6568



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

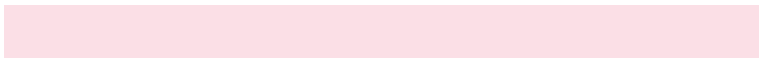
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.5028, 79.8197, 96.6475



84.0654, 80.1205, 98.7962



80.4570, 79.0014, 85.8746



17.7967, 17.4460, 20.7852



25.7582, 12.7190, 26.4990



2.4279, 1.1949, 2.6769

Inverse Universe

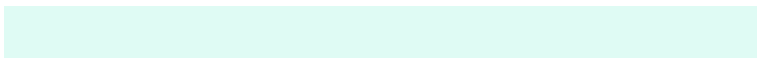
The Inverse Universe completely reimagines the original color for something new.



82.5028, 79.8197, 96.6475



84.0654, 80.1205, 98.7962



81.2604, 91.2161, 98.9137



17.7967, 17.4460, 20.7852



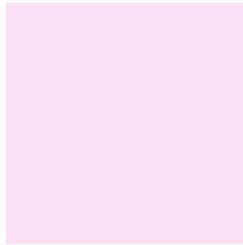
25.7582, 12.7190, 26.4990



2.4279, 1.1949, 2.6769

Previews

White Background



This preview shows how the XYZ color 82.5005, 79.8162, 96.6458 looks on a white background.

Color Contrast Check

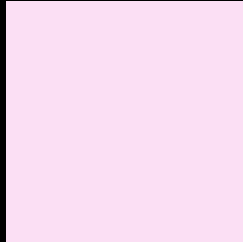
Large Text (above 18pt) WCAG AA × Fail

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 82.5005, 79.8162, 96.6458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

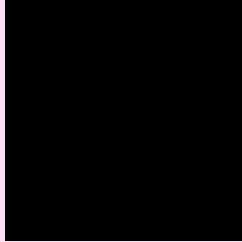
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.5005, 79.8162, 96.6458

Background



This preview shows how black text looks on a background with the XYZ color 82.5005, 79.8162, 96.6458.



This preview shows how white text looks on a background with the XYZ color 82.5005, 79.8162,

96.6458.

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

82.5005, 79.8162, 96.6458

Protanopia

77.8732, 80.1939, 100.1816

Deuteranopia

81.6962, 79.7994, 96.6849



Tritanopia

82.0485, 79.6355, 94.2658

Trichromacy



Original Color

82.5005, 79.8162, 96.6458

Protanomaly

79.5175, 79.8307, 99.2135

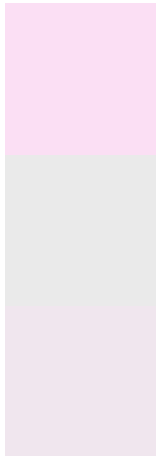
Deuteranomaly

82.0517, 79.9827, 96.7016

Tritanomaly

82.1983, 79.6954, 95.0548

Monochromacy



Original Color

82.5005, 79.8162, 96.6458

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

79.6646, 81.2919, 92.3811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5005, 79.8162, 96.6458 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(251, 223, 244)` looks like.

```
.text, #text, p{  
    color:rgb(251, 223, 244)  
}
```

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(251, 223, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 223, 244) }
```

Border

The CSS property to change the border of an element to XYZ 82.5005, 79.8162, 96.6458 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(251, 223, 244) }
```


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

```
.border{ border-color:rgb(251, 223, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 223, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 223, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 223, 244);  
box-shadow:4px 4px 4px 4px rgb(251, 223,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5005, 79.8162, 96.6458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 223, 244) }
```

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

```
.background{ background-color: rgb(251,  
223, 244) }
```

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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