

Converting Colors

XYZ(85.3122, 82.0890, 91.1620)

Have a look what the booklet for
XYZ(85.3122, 82.0890, 91.1620)
contains.

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Color

**XYZ(83.4513, 81.2249,
91.4004)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1ED
RGB	255, 225, 237
RGB Percent	100%, 88%, 93%
CMY	0.0000, 0.1176, 0.0706
CMYK	0.00, 0.12, 0.07, 0.00
HSL	336°, 100%, 94%
HSV	336°, 12%, 100%
XYZ	83.4513, 81.2249, 91.4004
YIQ	235.3380, 14.0280, 10.0920

Conversions

Conversions Part 2

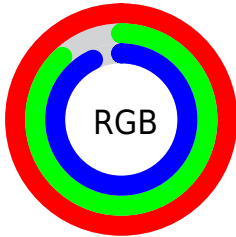
Format	Color
R_{YB}	255, 225, 237
Decimal	16769517
CIE _{Lab}	92.23, 12.26, -2.06
CIE _{LCh}	92, 12.435, 350.468
Yxy	81.2249, 0.3259, 0.3172
Android (android.graphics.Color)	4294959597 (0xFFFFE1ED)
YUV	235.3380, 0.8194, 17.2436
Hunter-Lab	90.1249, 7.5639, 2.9583

Details

The XYZ color **83.4513, 81.2249, 91.4004** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.9916, 93.9999, 98.5673**, and the grayscale version is **79.2113, 83.3364, 90.7534**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.0039, 44.0914, 49.8019** is the 20% darker color. If you saturate the color by 10%, you get **74.9247, 67.5980, 77.9952**, and if you desaturate by 10%, it is **93.2019, 96.9937, 106.1571**.

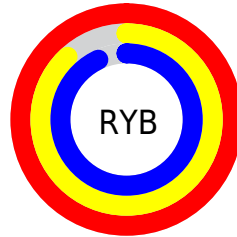
Distribution



Red (100%)

Green (88%)

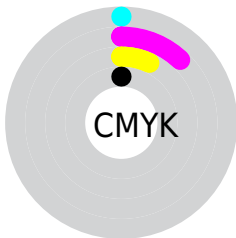
Blue (93%)



Red (100%)

Yellow (88%)

Blue (93%)

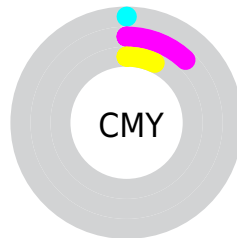


Cyan (0%)

Magenta (12%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.4513, 81.2249, 91.4004 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 83.4513, 81.2249, 91.4004 by changing the saturation by 10% instead.


 83.4513, 81.2249,
91.4004

 83.4513, 81.2249,
91.4004


495.0506,
499.0513, 553.2631

 62.8807, 60.7268,
68.5625


137.1326,
135.0865, 151.2346

 46.0030, 44.0048,
49.8859


170.9740,
169.2189, 189.0679

 32.4528, 30.6742,
34.9522


209.9698,
208.6648, 232.7367

 21.8648, 20.3509,
23.3428

254.4852,
253.8086, 282.6597

 13.8736, 12.6504,
14.6392

304.8856,
305.0348, 339.2552

 8.1140, 7.1882,
8.4227

361.5364,

 4.2204, 3.5801,

362.7277, 402.9420

4.2750

424.8029,
427.2717, 474.1384

■ 1.8275, 1.4416,
1.7774

■ 0.5342, 0.2471,
0.4130

■ 83.4513, 81.2249,
91.4004

■ 83.4513, 81.2249,
91.4004

■ 74.9247, 67.5980,
77.9952

■ 93.2019, 96.9937,
106.1571

■ 67.5662, 56.0101,
65.8962

95.0500, 100.0000,
108.9000

■ 61.3240, 46.3648,
55.0629

■ 56.1399, 38.5539,
45.4505

■ 51.9500, 32.4586,
37.0112

■ 48.6833, 27.9457,
29.6935

■ 46.2587, 24.8625,
23.4409

■ 44.5791, 23.0249,
18.1901

■ 43.6374, 22.2190,
14.5545

Harmonies

Analogous

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



82.0616, 81.2249, 100.1776



83.4513, 81.2249, 91.4004



83.1310, 81.2249, 82.4008

Triad

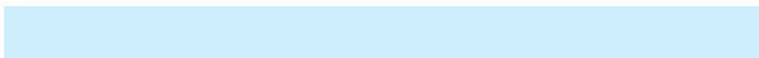
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.4513, 81.2249, 91.4004



75.0632, 81.2249, 72.8890



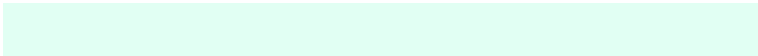
73.3387, 81.2249, 102.7887

Complementary

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



83.4513, 81.2249, 91.4004



82.9916, 93.9999, 98.5673

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.



71.5615, 81.2249, 94.7675



83.4513, 81.2249, 91.4004



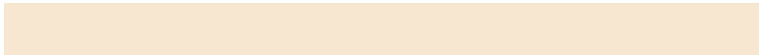
72.5378, 81.2249, 77.6572

Square

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



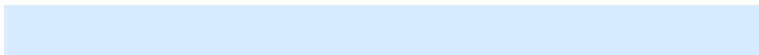
83.4513, 81.2249, 91.4004



78.2287, 81.2249, 72.1251



71.2724, 81.2249, 85.5444



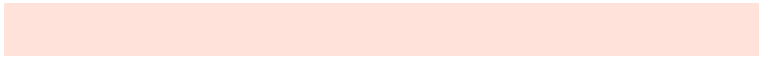
76.1840, 81.2249, 107.0467

Rectangle

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



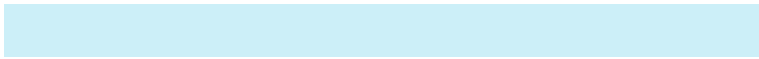
83.4513, 81.2249, 91.4004



81.9942, 81.2249, 77.4547



71.2724, 81.2249, 85.5444



72.6000, 81.2249, 100.4180

Sweetspot

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



83.4531, 81.2282, 91.4021



90.9120, 93.2759, 102.7363



81.9398, 80.1288, 105.7555



19.2972, 19.7027, 21.7470



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

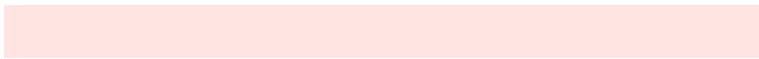
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.4531, 81.2282, 91.4021



81.4405, 77.9960, 88.2864



82.5763, 82.1864, 82.7498



18.3103, 18.1074, 20.2514



22.8703, 11.6374, 7.9674



2.2790, 1.1540, 1.0506

Inverse Universe

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



83.4531, 81.2282, 91.4021



81.4405, 77.9960, 88.2864



83.9138, 92.8497, 108.1068



18.3103, 18.1074, 20.2514



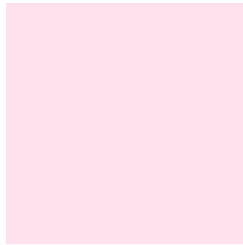
22.8703, 11.6374, 7.9674



2.2790, 1.1540, 1.0506

Previews

White Background



This preview shows how the XYZ color 83.4513, 81.2249, 91.4004 looks on a white background.

Color Contrast Check

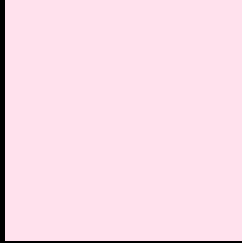
Large Text (above 18pt) WCAG AA × Fail

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 83.4513, 81.2249, 91.4004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

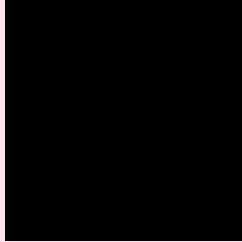
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.4513, 81.2249, 91.4004

Background



This preview shows how black text looks on a background with the XYZ color 83.4513, 81.2249, 91.4004.



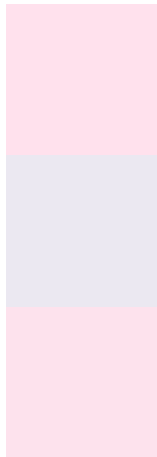
This preview shows how white text looks on a background with the XYZ color 83.4513, 81.2249,

91.4004.

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

83.4513, 81.2249, 91.4004

Protanopia

78.9947, 81.7263, 94.8304

Deuteranopia

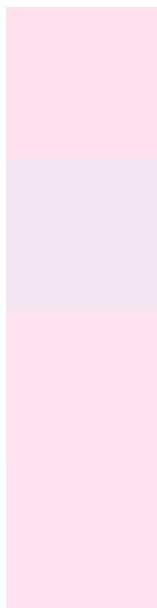
82.9904, 81.3898, 91.4565



Tritanopia

84.1922, 81.5212, 95.3022

Trichromacy



Original Color

83.4513, 81.2249, 91.4004

Protanomaly

80.3654, 81.2071, 93.8769

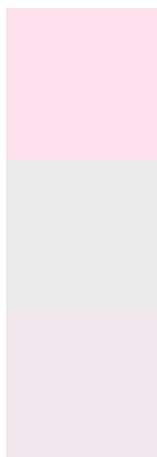
Deuteranomaly

83.3555, 81.5780, 91.4736

Tritanomaly

83.8934, 81.4017, 93.7285

Monochromacy



Original Color

83.4513, 81.2249, 91.4004

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.3342, 82.0852, 90.9668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.4513, 81.2249, 91.4004 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, 225, 237)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 237)  
}
```

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, 225, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 237) }
```

Border

The CSS property to change the border of an element to XYZ 83.4513, 81.2249, 91.4004 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, 225, 237) }
```


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

```
.border{ border-color:rgb(255, 225, 237) }
```

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

Here you see how a box with a 4 pixel rgb(255, 225, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 237);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 83.4513, 81.2249, 91.4004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 237) }
```

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

```
.background{ background-color: rgb(255,  
225, 237) }
```

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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