

Converting Colors

XYZ(83.3948, 81.2755, 90.8775)

Have a look what the booklet for
XYZ(83.3948, 81.2755, 90.8775)
contains.

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Color

**XYZ(83.3055, 81.1666,
90.6329)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE1EC
RGB	255, 225, 236
RGB Percent	100%, 88%, 93%
CMY	0.0000, 0.1176, 0.0745
CMYK	0.00, 0.12, 0.07, 0.00
HSL	338°, 100%, 94%
HSV	338°, 12%, 100%
XYZ	83.3055, 81.1666, 90.6329
YIQ	235.2240, 14.3490, 9.7810

Conversions

Conversions Part 2

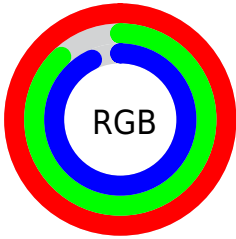
Format	Color
RYB	255, 225, 236
Decimal	16769516
CIELab	92.21, 12.10, -1.57
CIELCh	92, 12.198, 352.584
Yxy	81.1666, 0.3266, 0.3182
Android (android.graphics.Color)	4294959596 (0xFFFFE1EC)
YUV	235.2240, 0.3826, 17.3436
Hunter-Lab	90.0925, 7.3910, 3.4191

Details

The XYZ color **83.3055, 81.1666, 90.6329** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.1431, 94.0605, 99.3650**, and the grayscale version is **79.1275, 83.2483, 90.6574**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.9016, 44.0505, 49.2633** is the 20% darker color. If you saturate the color by 10%, you get **74.6784, 67.4995, 76.6984**, and if you desaturate by 10%, it is **93.1781, 96.9842, 106.0319**.

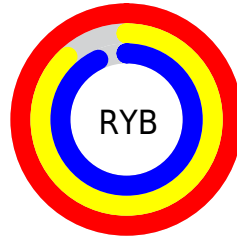
Distribution



Red (100%)

Green (88%)

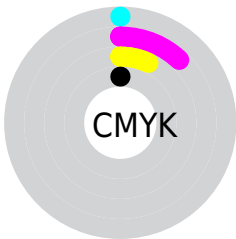
Blue (93%)



Red (100%)

Yellow (88%)

Blue (93%)

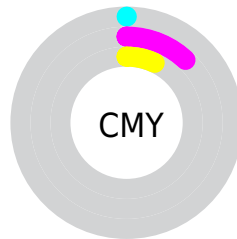


Cyan (0%)

Magenta (12%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.3055, 81.1666, 90.6329 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 83.3055, 81.1666, 90.6329 by changing the saturation by 10% instead.


 83.3055, 81.1666,
90.6329

 83.3055, 81.1666,
90.6329


494.5726,
498.8557, 550.7106

 62.7600, 60.6788,
67.9290


136.9296,
135.0047, 150.1604

 45.9050, 43.9660,
49.3737


170.7388,
169.1238, 187.8211

 32.3751, 30.6438,
34.5483


209.7000,
208.5554, 231.3045

 21.8051, 20.3278,
23.0344

254.1785,
253.6840, 281.0291

 13.8296, 12.6335,
14.4133

304.5397,
304.8939, 337.4135

 8.0831, 7.1767,
8.2667

361.1488,

 4.2004, 3.5728,

362.5696, 400.8762

4.1759

424.3714,
427.0954, 471.8357

■ 1.8162, 1.4376,
1.7223

■ 0.5274, 0.2442,
0.3760

■ 83.3055, 81.1666,
90.6329

■ 83.3055, 81.1666,
90.6329

■ 74.6784, 67.4995,
76.6984

■ 93.1781, 96.9842,
106.0319

■ 67.2401, 55.8796,
64.1785

95.0500, 100.0000,
108.9000

■ 60.9376, 46.2102,
53.0281

■ 55.7120, 38.3827,
43.1972

■ 51.4983, 32.2779,
34.6327

■ 48.2245, 27.7622,
27.2772

■ 45.8081, 24.6823,
21.0681

■ 44.1508, 22.8536,
15.9349

■ 43.2371, 22.0588,
12.4466

Harmonies

Analogous

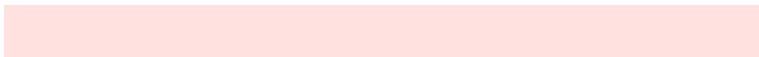
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.0543, 81.1666, 99.3329



83.3055, 81.1666, 90.6329



82.8710, 81.1666, 81.8852

Triad

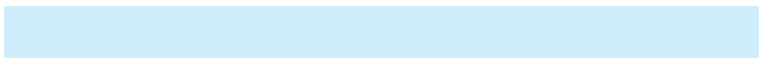
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.3055, 81.1666, 90.6329



74.8452, 81.1666, 73.3182



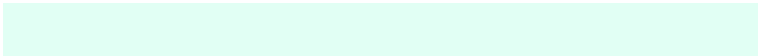
73.5270, 81.1666, 102.8718

Complementary

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



83.3055, 81.1666, 90.6329



83.1431, 94.0605, 99.3650

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.



71.6917, 81.1666, 95.2023



83.3055, 81.1666, 90.6329



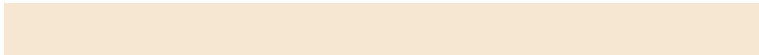
72.4382, 81.1666, 78.2571

Square

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



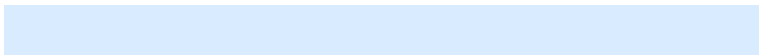
83.3055, 81.1666, 90.6329



77.9303, 81.1666, 72.2775



71.2986, 81.1666, 86.1581



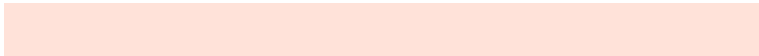
76.3678, 81.1666, 106.7047

Rectangle

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



83.3055, 81.1666, 90.6329



81.6893, 81.1666, 77.1581



71.2986, 81.1666, 86.1581



72.7752, 81.1666, 100.6330

Sweetspot

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



83.3074, 81.1700, 90.6346



90.8590, 93.2547, 102.4573



82.2859, 80.3073, 105.7717



19.2838, 19.6973, 21.6765



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

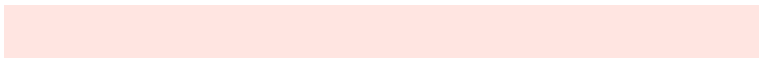
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.3074, 81.1700, 90.6346



81.2704, 77.9279, 87.3908



82.8522, 82.7382, 82.8418



18.2846, 18.0972, 20.1160



22.6577, 11.5524, 6.8482



2.2565, 1.1450, 0.9323

Inverse Universe

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



83.3074, 81.1700, 90.6346



81.2704, 77.9279, 87.3908



83.6007, 92.2234, 108.0024



18.2846, 18.0972, 20.1160



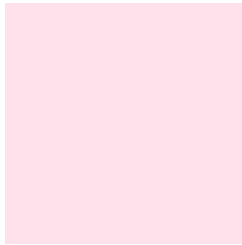
22.6577, 11.5524, 6.8482



2.2565, 1.1450, 0.9323

Previews

White Background



This preview shows how the XYZ color 83.3055, 81.1666, 90.6329 looks on a white background.

Color Contrast Check

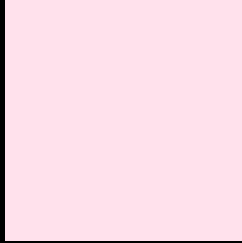
Large Text (above 18pt) WCAG AA × Fail

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 83.3055, 81.1666, 90.6329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

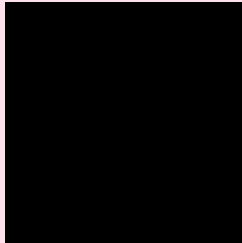
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.3055, 81.1666, 90.6329

Background



This preview shows how black text looks on a background with the XYZ color 83.3055, 81.1666, 90.6329.



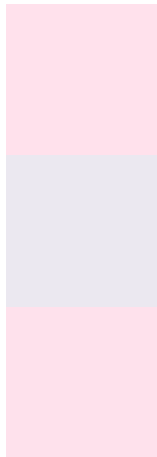
This preview shows how white text looks on a background with the XYZ color 83.3055, 81.1666,

90.6329.

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

83.3055, 81.1666, 90.6329

Protanopia

78.8457, 81.6667, 94.0457

Deuteranopia

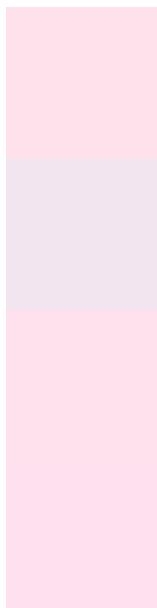
82.9386, 80.9774, 90.6157



Tritanopia

83.7728, 80.9222, 94.4233

Trichromacy



Original Color

83.3055, 81.1666, 90.6329

Protanomaly

80.2172, 81.1479, 93.0966

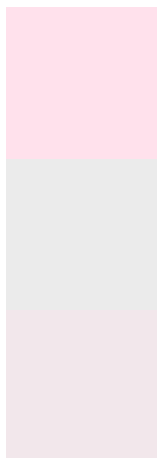
Deuteranomaly

82.9386, 80.9774, 90.6157

Tritanomaly

83.4756, 80.8033, 92.8583

Monochromacy



Original Color

83.3055, 81.1666, 90.6329

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

80.1893, 82.0272, 90.2037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.3055, 81.1666, 90.6329 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, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 236) }
```

Border

The CSS property to change the border of an element to XYZ 83.3055, 81.1666, 90.6329 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, 236) }
```


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

```
.border{ border-color:rgb(255, 225, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 83.3055, 81.1666, 90.6329 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, 236) }
```

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

```
.background{ background-color: rgb(255,  
225, 236) }
```

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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