

Converting Colors

XYZ(113.0247, 93.2641,
83.4141)

Have a look what the booklet for
XYZ(113.0247, 93.2641, 83.4141)
contains.

XYZ(79.3865, 75.8080, 81.6824)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(79.3865, 75.8080,
81.6824)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD8E1
RGB	255, 216, 225
RGB Percent	100%, 85%, 88%
CMY	0.0000, 0.1529, 0.1176
CMYK	0.00, 0.15, 0.12, 0.00
HSL	346°, 100%, 92%
HSV	346°, 15%, 100%
XYZ	79.3865, 75.8080, 81.6824
YIQ	228.6870, 20.3550, 11.0670

Conversions

Conversions Part 2

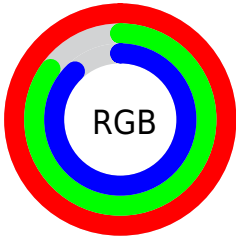
Format	Color
R _Y B	255, 216, 225
Decimal	16767201
CIE Lab	89.77, 14.97, 0.64
CIE LCh	90, 14.983, 2.430
Yxy	75.8080, 0.3351, 0.3200
Android (android.graphics.Color)	4294957281 (0xFFFFD8E1)
YUV	228.6870, -1.8177, 23.0765
Hunter-Lab	87.0678, 10.3838, 5.3247

Details

The XYZ color **79.3865, 75.8080, 81.6824** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.7160, 92.7740, 100.8455**, and the grayscale version is **74.2502, 78.1170, 85.0694**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2893, 40.3978, 43.5462** is the 20% darker color. If you saturate the color by 10%, you get **70.8291, 62.7329, 66.3764**, and if you desaturate by 10%, it is **89.2686, 91.0399, 98.9490**.

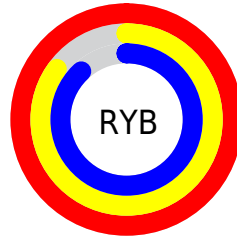
Distribution



Red (100%)

Green (85%)

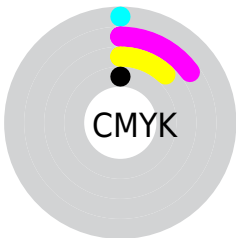
Blue (88%)



Red (100%)

Yellow (85%)

Blue (88%)

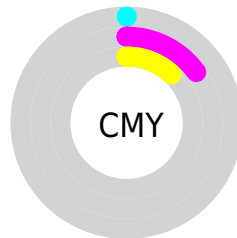


Cyan (0%)

Magenta (15%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.3865, 75.8080, 81.6824 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 79.3865, 75.8080, 81.6824 by changing the saturation by 10% instead.


 79.3865, 75.8080,
81.6824

 79.3865, 75.8080,
81.6824

481.6310,
480.6902, 520.4402

 59.5204, 56.2751,
60.5695


131.4579,
127.4555, 137.5612

 43.2801, 40.4235,
43.4495


164.3939,
160.3388, 173.1642

 30.3004, 27.8689,
29.9040


202.4172,
198.4411, 214.4343

 20.2160, 18.2269,
19.5143

245.8931,
242.1467, 261.7900

 12.6613, 11.1130,
11.8619

295.1872,
291.8400, 315.6499

 7.2711, 6.1429,
6.5283

350.6646,

 3.6801, 2.9322,

347.9054, 376.4326

3.0950

412.6907,
410.7274, 444.5565

■ 1.5228, 1.0964,
1.1433

■ 0.3412, 0.0000,
0.0000

■ 79.3865, 75.8080,
81.6824

■ 79.3865, 75.8080,
81.6824

■ 70.8291, 62.7329,
66.3764

■ 89.2686, 91.0399,
98.9490

■ 63.5343, 51.7077,
52.9562

95.0500, 100.0000,
108.9000

■ 57.4427, 42.6308,
41.3490

■ 52.4877, 35.3879,
31.4755

■ 48.5966, 29.8529,
23.2501

■ 45.6873, 25.8835,
16.5798

■ 43.6656, 23.3141,
11.3616

■ 42.4168, 21.9412,
7.4781

■ 42.0249, 21.5740,
6.0631

Harmonies

Analogous

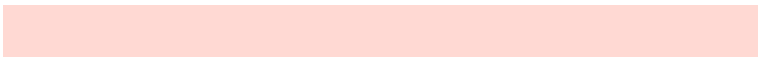
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.5358, 75.8080, 92.3212



79.3865, 75.8080, 81.6824



78.2173, 75.8080, 72.1051

Triad

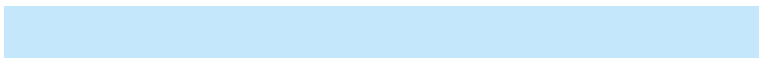
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.3865, 75.8080, 81.6824



68.3103, 75.8080, 66.5328



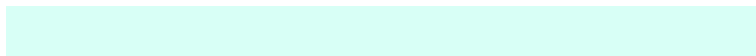
68.8150, 75.8080, 101.9226

Complementary

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



79.3865, 75.8080, 81.6824



80.7160, 92.7740, 100.8455

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.



66.2219, 75.8080, 93.9405



79.3865, 75.8080, 81.6824



65.9375, 75.8080, 73.4790

Square

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



79.3865, 75.8080, 81.6824



71.7524, 75.8080, 63.8378



65.1861, 75.8080, 83.4077



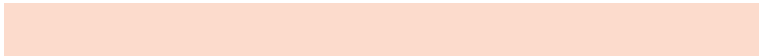
72.3549, 75.8080, 104.5835

Rectangle

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



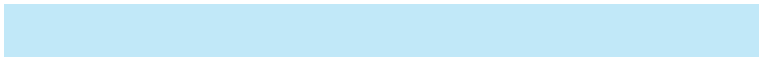
79.3865, 75.8080, 81.6824



76.4722, 75.8080, 67.4434



65.1861, 75.8080, 83.4077



67.8079, 75.8080, 99.7410

Sweetspot

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



79.3882, 75.8112, 81.6840



89.5772, 91.5174, 99.4828



80.5789, 75.9099, 105.0128



19.0145, 19.3430, 21.0188



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

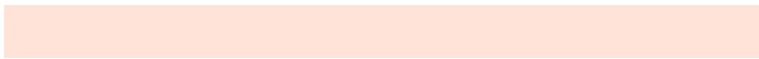
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.3882, 75.8112, 81.6840



76.9420, 72.0608, 77.3479



80.9419, 80.8311, 76.3057



18.1810, 18.0557, 19.5704



22.0056, 11.2916, 3.4142



2.1823, 1.1153, 0.5413

Inverse Universe

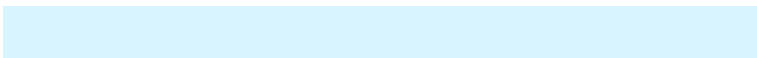
The Inverse Universe completely reimagines the original color for something new.



79.3882, 75.8112, 81.6840



76.9420, 72.0608, 77.3479



78.9027, 86.8839, 107.2194



18.1810, 18.0557, 19.5704



22.0056, 11.2916, 3.4142



2.1823, 1.1153, 0.5413

Previews

White Background



This preview shows how the XYZ color 79.3865, 75.8080, 81.6824 looks on a white background.

Color Contrast Check

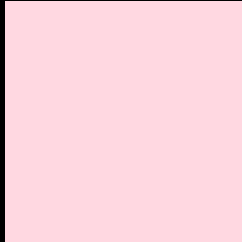
Large Text (above 18pt) WCAG AA × Fail

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 79.3865, 75.8080, 81.6824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

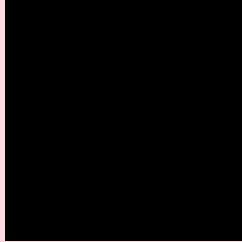
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.3865, 75.8080, 81.6824

Background



This preview shows how black text looks on a background with the XYZ color 79.3865, 75.8080, 81.6824.



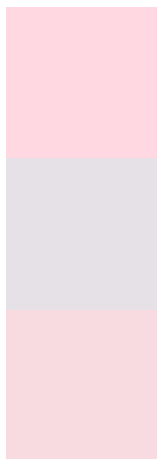
This preview shows how white text looks on a background with the XYZ color 79.3865, 75.8080,

81.6824.

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

79.3865, 75.8080, 81.6824

Protanopia

73.5212, 76.2216, 85.7002

Deuteranopia

77.4975, 76.0013, 81.1062



Tritanopia

80.1059, 75.6871, 86.7310

Trichromacy



Original Color

79.3865, 75.8080, 81.6824

Protanomaly

75.3848, 76.0211, 84.0991

Deuteranomaly

78.3096, 76.0339, 81.0696

Tritanomaly

79.6833, 75.5180, 84.5054

Monochromacy



Original Color

79.3865, 75.8080, 81.6824

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.9191, 77.0899, 84.2773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.3865, 75.8080, 81.6824 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, 216, 225) looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 225)  
}
```

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, 216, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 225) }
```

Border

The CSS property to change the border of an element to XYZ 79.3865, 75.8080, 81.6824 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, 216, 225) }
```


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

```
.border{ border-color:rgb(255, 216, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 79.3865, 75.8080, 81.6824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 225) }
```

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

```
.background{ background-color: rgb(255,  
216, 225) }
```

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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