

Converting Colors

XYZ(79.4096, 80.9961, 77.1154)

Have a look what the booklet for
XYZ(79.4096, 80.9961, 77.1154)
contains.

XYZ(79.6106, 81.1881, 77.1206)	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(79.6106, 81.1881,
77.1206)**

Conversions

Conversions Part 1

Format	Color
Hex	F9E5D9
RGB	249, 229, 217
RGB Percent	98%, 90%, 85%
CMY	0.0235, 0.1019, 0.1490
CMYK	0.00, 0.08, 0.13, 0.02
HSL	23°, 73%, 91%
HSV	23°, 13%, 98%
XYZ	79.6106, 81.1881, 77.1206
YIQ	233.6120, 15.7720, 0.5080

Conversions

Conversions Part 2

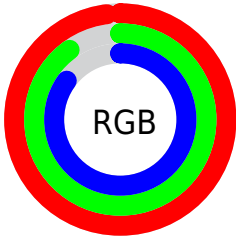
Format	Color
R _Y B	249, 236, 217
Decimal	16377305
CIE Lab	92.22, 4.87, 8.30
CIE LCh	92, 9.624, 59.581
Yxy	81.1881, 0.3346, 0.3412
Android (android.graphics.Color)	4294567385 (0xFFFF9E5D9)
YUV	233.6120, -8.1897, 13.4953
Hunter-Lab	90.1044, 0.0286, 12.3267

Details

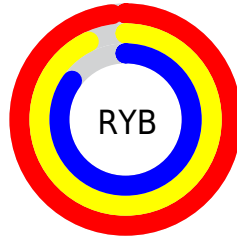
The XYZ color **79.6106, 81.1881, 77.1206** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.9980, 82.1580, 101.4758**, and the grayscale version is **77.9669, 82.0272, 89.3276**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3959, 44.0872, 40.4049** is the 20% darker color. If you saturate the color by 10%, you get **72.4998, 71.7639, 59.9589**, and if you desaturate by 10%, it is **87.6005, 91.5867, 96.9881**.

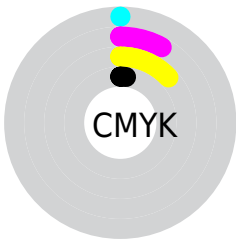
Distribution



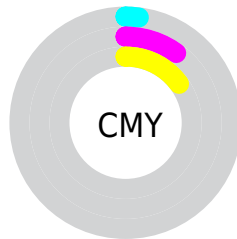
- Red (98%)
- Green (90%)
- Blue (85%)



- Red (98%)
- Yellow (93%)
- Blue (85%)



- Cyan (0%)
- Magenta (8%)
- Yellow (13%)
- Black (2%)





- Cyan (2%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.6106, 81.1881, 77.1206 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 79.6106, 81.1881, 77.1206 by changing the saturation by 10% instead.


 79.6106, 81.1881,
77.1206

 79.6106, 81.1881,
77.1206


482.3761,
498.9278, 504.6237

 59.7053, 60.6965,
56.8397


131.7715,
135.0349, 131.0843

 43.4297, 43.9803,
40.4681


164.7579,
169.1588, 165.6041

 30.4184, 30.6550,
27.5871


202.8353,
208.5957, 205.7074

 20.3060, 20.3363,
17.7783

246.3692,
253.7299, 251.8126

 12.7273, 12.6397,
10.6232

295.7249,
304.9459, 304.3383

 7.3167, 7.1809,
5.7031

351.2677,

 3.7090, 3.5755,

362.6279, 363.7030

2.5995

413.3630,
427.1604, 430.3253

■ 1.5389, 1.4391,
0.8922

■ 0.3521, 0.2453,
0.0000

■ 79.6106, 81.1881,
77.1206

■ 79.6106, 81.1881,
77.1206

■ 72.4998, 71.7639,
59.9589

■ 87.6005, 91.5867,
96.9881

■ 66.2295, 63.2744,
45.3795

■ 92.8772, 98.8799,
108.7983

■ 60.7678, 55.6928,
33.2570

■ 56.0784, 48.9870,
23.4534

■ 52.1216, 43.1226,
15.8169

■ 48.8537, 38.0629,
10.1772

■ 46.2255, 33.7675,
6.3383

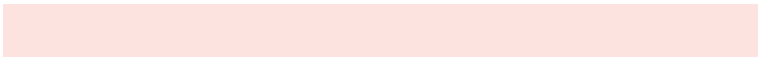
■ 44.1791, 30.1915,
4.0628

■ 43.0178, 28.0410,
3.1452

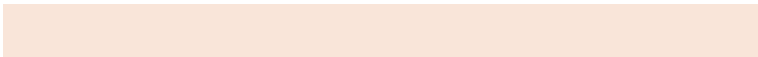
Harmonies

Analogous

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



81.3957, 81.1881, 81.8176



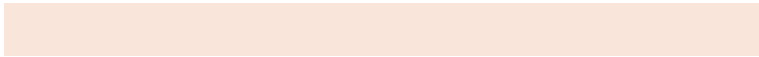
79.6106, 81.1881, 77.1206



77.2018, 81.1881, 75.4145

Triad

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



79.6106, 81.1881, 77.1206



72.4884, 81.1881, 88.3001



79.5489, 81.1881, 100.8380

Complementary

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



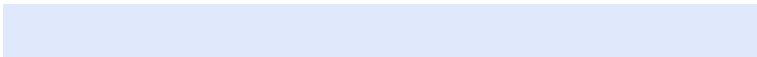
79.6106, 81.1881, 77.1206



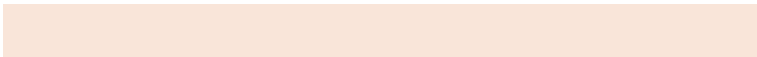
75.9980, 82.1580, 101.4758

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.



77.1319, 81.1881, 102.7967



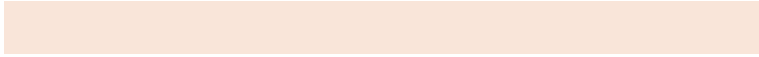
79.6106, 81.1881, 77.1206



73.0871, 81.1881, 95.3264

Square

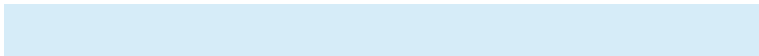
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.6106, 81.1881, 77.1206



73.1208, 81.1881, 81.6532



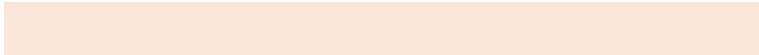
74.7736, 81.1881, 100.7289



81.3595, 81.1881, 95.5086

Rectangle

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



79.6106, 81.1881, 77.1206



75.5771, 81.1881, 76.1280



74.7736, 81.1881, 100.7289



78.7787, 81.1881, 101.9248

Sweetspot

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



79.6128, 81.1917, 77.1223



91.4512, 95.3610, 99.8127



79.2058, 75.8966, 90.8010



19.4331, 20.2285, 21.0096



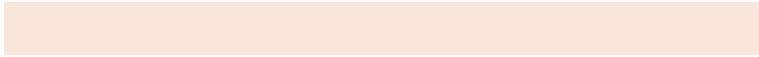
0.0000, 0.0000, 0.0000



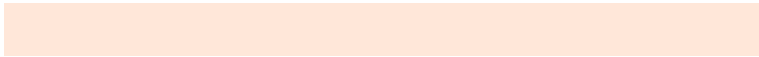
20.3446, 21.4041, 23.3091

Same Dimension

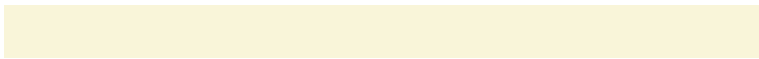
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.6128, 81.1917, 77.1223



82.3356, 83.4642, 77.2459



84.1639, 90.2939, 78.6394



17.7781, 18.2920, 18.0561



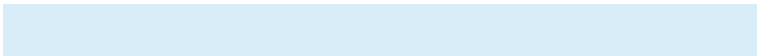
23.1518, 15.2603, 1.7253



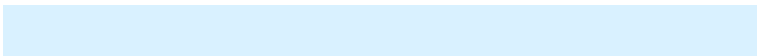
2.2424, 1.6096, 0.1925

Inverse Universe

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



75.9980, 82.1580, 101.4758



77.9430, 84.6374, 106.8364



71.6421, 73.4463, 100.0239



17.1867, 18.4502, 22.0407



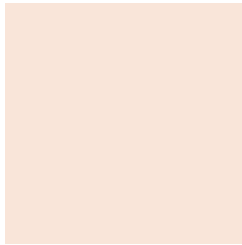
15.6206, 16.5969, 50.3538



1.5486, 1.7408, 4.6976

Previews

White Background



This preview shows how the XYZ color 79.6106, 81.1881, 77.1206 looks on a white background.

Color Contrast Check

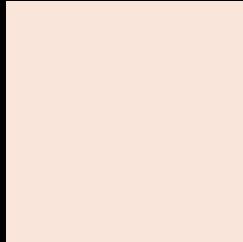
Large Text (above 18pt) WCAG AA × Fail

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 79.6106, 81.1881, 77.1206 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 79.6106, 81.1881, 77.1206

Background



This preview shows how black text looks on a background with the XYZ color 79.6106, 81.1881, 77.1206.

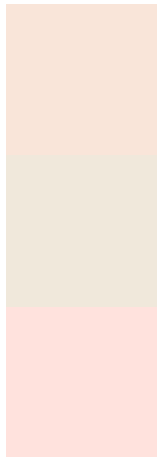


This preview shows how white text looks on a background with the XYZ color 79.6106, 81.1881,

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

79.6106, 81.1881, 77.1206

Protanopia

77.5780, 81.3530, 78.6317

Deuteranopia

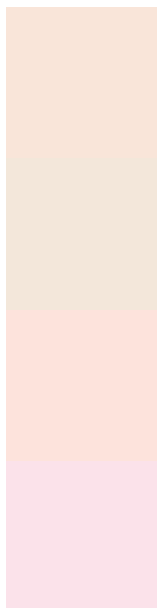
81.4875, 80.8732, 79.7218



Tritanopia

83.2478, 81.0169, 96.0442

Trichromacy



Original Color

79.6106, 81.1881, 77.1206

Protanomaly

78.1930, 81.2685, 77.8948

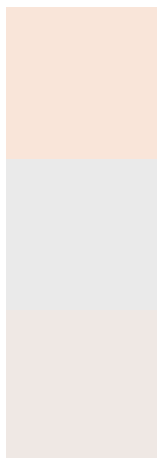
Deuteranomaly

80.8954, 80.9881, 79.0788

Tritanomaly

81.8313, 80.8425, 89.1331

Monochromacy



Original Color

79.6106, 81.1881, 77.1206

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.4568, 81.6654, 85.0267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.6106, 81.1881, 77.1206 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(249, 229, 217) looks like.

```
.text, #text, p{  
    color:rgb(249, 229, 217)  
}
```

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(249, 229, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 229, 217) }
```

Border

The CSS property to change the border of an element to XYZ 79.6106, 81.1881, 77.1206 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(249, 229, 217) }
```


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

```
.border{ border-color:rgb(249, 229, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 229, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 229, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 229, 217); box-shadow:4px 4px 4px 4px rgb(249, 229, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 79.6106, 81.1881, 77.1206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 229, 217) }
```

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

```
.background{ background-color: rgb(249,  
229, 217) }
```

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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