

Converting Colors

XYZ(78.4958, 80.2188, 76.3124)

Have a look what the booklet for
XYZ(78.4958, 80.2188, 76.3124)
contains.

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Color

**XYZ(78.4958, 80.2188,
76.3124)**

Conversions

Conversions Part 1

Format	Color
Hex	F7E4D8
RGB	247, 228, 216
RGB Percent	97%, 89%, 85%
CMY	0.0314, 0.1059, 0.1529
CMYK	0.00, 0.08, 0.13, 0.03
HSL	23°, 66%, 91%
HSV	23°, 13%, 97%
XYZ	78.4958, 80.2188, 76.3124
YIQ	232.3130, 15.1760, 0.2960

Conversions

Conversions Part 2

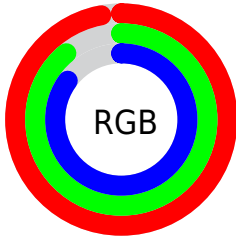
Format	Color
RYB	247, 236, 216
Decimal	16245976
CIELab	91.78, 4.53, 8.18
CIELCh	92, 9.348, 61.039
Yxy	80.2188, 0.3340, 0.3413
Android (android.graphics.Color)	4294436056 (0xFFFF7E4D8)
YUV	232.3130, -8.0423, 12.8805
Hunter-Lab	89.5649, -0.2991, 12.1784

Details

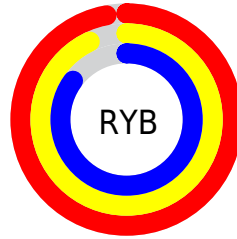
The XYZ color **78.4958, 80.2188, 76.3124** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **74.8154, 80.7294, 99.6355**, and the grayscale version is **76.9884, 80.9978, 88.2066**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.8625, 43.5367, 39.8625** is the 20% darker color. If you saturate the color by 10%, you get **71.5570, 71.0727, 59.4114**, and if you desaturate by 10%, it is **86.2836, 90.2930, 95.8664**.

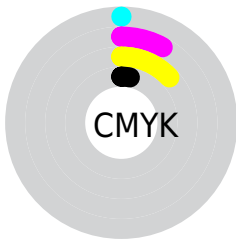
Distribution



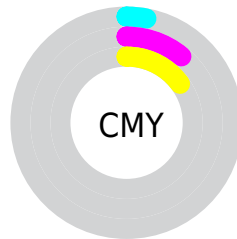
- Red (97%)
- Green (89%)
- Blue (85%)



- Red (97%)
- Yellow (93%)
- Blue (85%)



- Cyan (0%)
- Magenta (8%)
- Yellow (13%)
- Black (3%)





- Cyan (3%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.4958, 80.2188, 76.3124 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 78.4958, 80.2188, 76.3124 by changing the saturation by 10% instead.


 78.4958, 80.2188,
76.3124

 78.4958, 80.2188,
76.3124


478.6631,
495.6699, 501.7917

 58.7855, 59.8984,
56.1805


130.2105,
133.6733, 129.9325

 42.6862, 43.3368,
39.9427


162.9456,
167.5762, 164.2579

 29.8324, 30.1494,
27.1804


200.7531,
206.7755, 204.1514

 19.8589, 19.9520,
17.4751

243.9983,
251.6554, 250.0318

 12.4002, 12.3602,
10.4083

293.0465,
302.6004, 302.3174

 7.0910, 6.9895,
5.5614

348.2632,

 3.5659, 3.4555,

359.9949, 361.4270

2.5158

410.0136,
424.2232, 427.7789

■ 1.4596, 1.3739,
0.8485

■ 0.2981, 0.1974,
0.0000

■ 78.4958, 80.2188,
76.3124

■ 78.4958, 80.2188,
76.3124

■ 71.5570, 71.0727,
59.4114

■ 86.2836, 90.2930,
95.8664

■ 65.4301, 62.8171,
45.0428

■ 92.1681, 98.5143,
108.7651

■ 60.0844, 55.4268,
33.0841

■ 55.4850, 48.8717,
23.4006

■ 51.5938, 43.1197,
15.8441

■ 48.3688, 38.1361,
10.2488

■ 45.7629, 33.8833,
6.4234

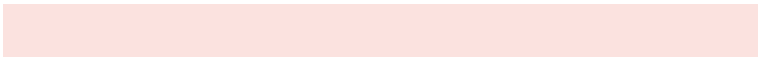
■ 43.7204, 30.3191,
4.1375

■ 42.5090, 28.0763,
3.1788

Harmonies

Analogous

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



80.2572, 80.2188, 80.7232



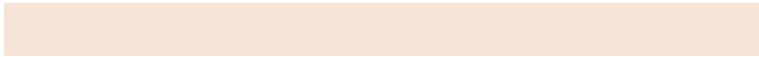
78.4958, 80.2188, 76.3124



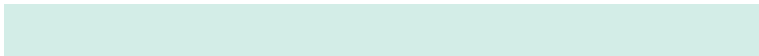
76.1621, 80.2188, 74.8179

Triad

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



78.4958, 80.2188, 76.3124



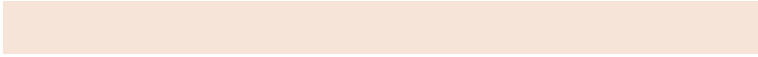
71.7360, 80.2188, 87.5839



78.6433, 80.2188, 99.1316

Complementary

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



78.4958, 80.2188, 76.3124



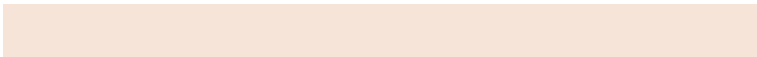
74.8154, 80.7294, 99.6355

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.



76.3291, 80.2188, 101.1969



78.4958, 80.2188, 76.3124



72.3699, 80.2188, 94.3187

Square

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



78.4958, 80.2188, 76.3124



72.2893, 80.2188, 81.1167



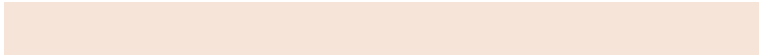
74.0387, 80.2188, 99.3920



80.3436, 80.2188, 93.8835

Rectangle

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



78.4958, 80.2188, 76.3124



74.6052, 80.2188, 75.6113



74.0387, 80.2188, 99.3920



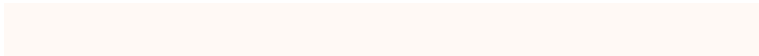
77.9098, 80.2188, 100.2331

Sweetspot

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



78.4980, 80.2224, 76.3141



91.4893, 95.4372, 99.8254



77.9268, 74.8919, 89.0350



19.4428, 20.2477, 21.0128



0.0000, 0.0000, 0.0000



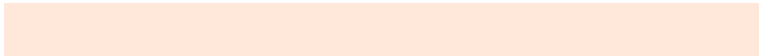
20.3446, 21.4041, 23.3091

Same Dimension

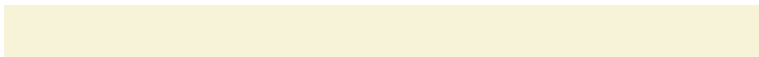
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.4980, 80.2224, 76.3141



82.4654, 83.7237, 77.2892



82.9187, 89.0637, 77.7877



17.0253, 17.5348, 17.2848



22.6091, 15.1037, 1.7237



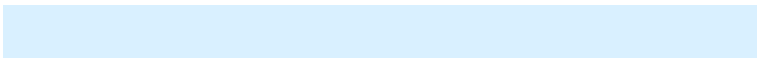
2.0837, 1.5206, 0.1837

Inverse Universe

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



74.8154, 80.7294, 99.6355



77.8064, 84.3643, 106.7908



70.6012, 72.3009, 98.2307



16.4265, 17.6173, 21.0773



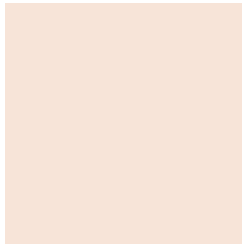
14.9035, 15.6007, 48.7638



1.4094, 1.5702, 4.3190

Previews

White Background



This preview shows how the XYZ color 78.4958, 80.2188, 76.3124 looks on a white background.

Color Contrast Check

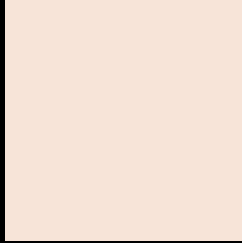
Large Text (above 18pt) WCAG AA × Fail

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 78.4958, 80.2188, 76.3124 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 78.4958, 80.2188, 76.3124

Background



This preview shows how black text looks on a background with the XYZ color 78.4958, 80.2188, 76.3124.



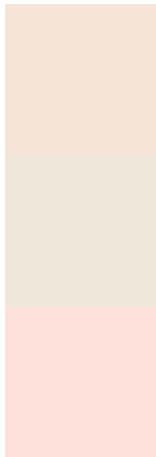
This preview shows how white text looks on a background with the XYZ color 78.4958, 80.2188,

76.3124.

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

78.4958, 80.2188, 76.3124

Protanopia

76.6969, 80.5123, 77.1437

Deuteranopia

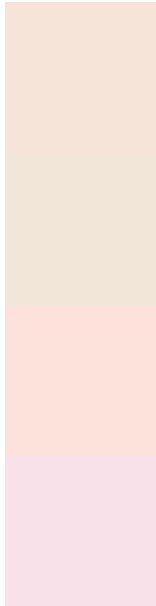
80.9514, 80.2249, 78.2362



Tritanopia

82.1070, 80.0461, 95.1273

Trichromacy



Original Color

78.4958, 80.2188, 76.3124

Protanomaly

77.4391, 80.4806, 77.0985

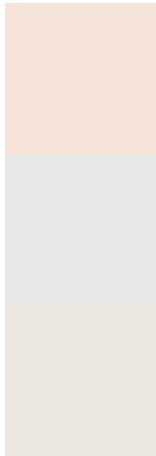
Deuteranomaly

79.9961, 80.1501, 77.5839

Tritanomaly

80.7001, 79.8734, 88.2545

Monochromacy



Original Color

78.4958, 80.2188, 76.3124

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

77.2284, 80.6473, 83.4476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4958, 80.2188, 76.3124 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(247, 228, 216) looks like.

```
.text, #text, p{  
    color:rgb(247, 228, 216)  
}
```

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(247, 228, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 228, 216) }
```

Border

The CSS property to change the border of an element to XYZ 78.4958, 80.2188, 76.3124 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(247, 228, 216) }
```


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

```
.border{ border-color:rgb(247, 228, 216) }
```

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

Here you see how a box with a 4 pixel rgb(247, 228, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 228, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 228, 216);  
box-shadow:4px 4px 4px 4px rgb(247, 228,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4958, 80.2188, 76.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 228, 216) }
```

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

```
.background{ background-color: rgb(247,  
228, 216) }
```

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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