

Converting Colors

XYZ(78.6423, 81.2841, 76.8387)

Have a look what the booklet for
XYZ(78.6423, 81.2841, 76.8387)
contains.

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Color

**XYZ(78.3477, 80.9640,
76.4640)**

Conversions

Conversions Part 1

Format	Color
Hex	F5E6D8
RGB	245, 230, 216
RGB Percent	96%, 90%, 85%
CMY	0.0392, 0.0980, 0.1529
CMYK	0.00, 0.06, 0.12, 0.04
HSL	29°, 59%, 90%
HSV	29°, 12%, 96%
XYZ	78.3477, 80.9640, 76.4640
YIQ	232.8890, 13.4340, -1.1740

Conversions

Conversions Part 2

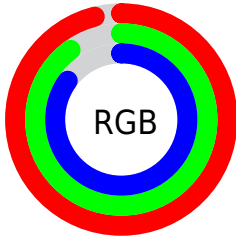
Format	Color
R_{YB}	245, 243, 216
Decimal	16115416
CIE Lab	92.12, 2.80, 8.63
CIE LCh	92, 9.076, 72.053
Yxy	80.9640, 0.3323, 0.3434
Android (android.graphics.Color)	4294305496 (0xFFFF5E6D8)
YUV	232.8890, -8.3263, 10.6213
Hunter-Lab	89.9800, -2.0408, 12.6020

Details

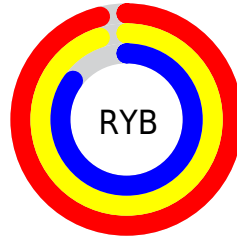
The XYZ color **78.3477, 80.9640, 76.4640** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.3760, 78.3419, 97.6412**, and the grayscale version is **77.4241, 81.4562, 88.7058**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.7493, 44.0520, 39.9680** is the 20% darker color. If you saturate the color by 10%, you get **72.0157, 72.9962, 59.8742**, and if you desaturate by 10%, it is **85.4127, 89.6404, 95.6301**.

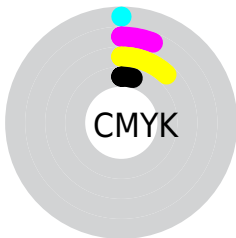
Distribution



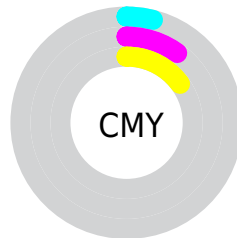
- Red (96%)
- Green (90%)
- Blue (85%)



- Red (96%)
- Yellow (95%)
- Blue (85%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (4%)



- Cyan (4%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.3477, 80.9640, 76.4640 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 78.3477, 80.9640, 76.4640 by changing the saturation by 10% instead.

78.3477, 80.9640,
76.4640

78.3477, 80.9640,
76.4640

478.1686,
498.1757, 502.3236

58.6634, 60.5119,
56.3041

130.0029,
134.7202, 130.1487

42.5876, 43.8314,
40.0412

162.7046,
168.7932, 164.5106

29.7548, 30.5380,
27.2566

200.4761,
208.1752, 204.4435

19.7997, 20.2473,
17.5319

243.6828,
253.2508, 250.3661

12.3569, 12.5749,
10.4485

292.6900,
304.4042, 302.6969

7.0612, 7.1365,
5.5879

347.8632,

3.5471, 3.5476,

362.0199, 361.8544

2.5314

409.5676,
426.4822, 428.2571

■ 1.4492, 1.4239,
0.8567

■ 0.2909, 0.2342,
0.0000

■ 78.3477, 80.9640,
76.4640

■ 78.3477, 80.9640,
76.4640

■ 72.0157, 72.9962,
59.8742

■ 85.4127, 89.6404,
95.6301

■ 66.3839, 65.7071,
45.7439

■ 91.4666, 98.1527,
108.7323

■ 61.4265, 59.0801,
33.9551

■ 57.1133, 53.0940,
24.3779

■ 53.4117, 47.7260,
16.8696

■ 50.2854, 42.9517,
11.2706

■ 47.6936, 38.7443,
7.3972

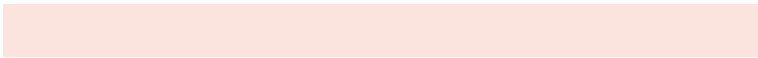
■ 45.5880, 35.0735,
5.0290

■ 44.1722, 32.4439,
3.9342

Harmonies

Analogous

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



80.3411, 80.9640, 79.8088



78.3477, 80.9640, 76.4640



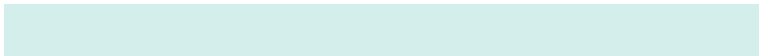
76.0188, 80.9640, 76.1527

Triad

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



78.3477, 80.9640, 76.4640



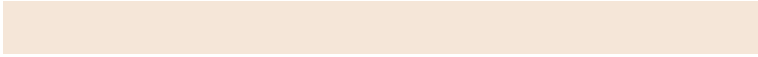
72.6398, 80.9640, 90.8724



80.0051, 80.9640, 98.0677

Complementary

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



78.3477, 80.9640, 76.4640



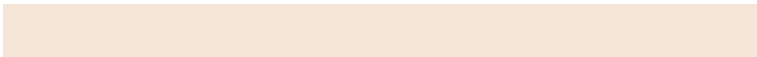
73.3760, 78.3419, 97.6412

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.



77.8966, 80.9640, 101.3587



78.3477, 80.9640, 76.4640



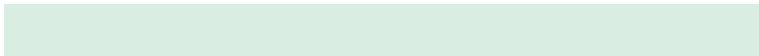
73.6632, 80.9640, 97.0659

Square

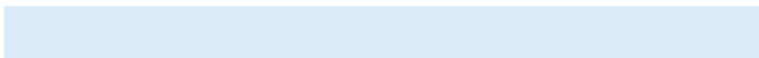
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.3477, 80.9640, 76.4640



72.7550, 80.9640, 84.2473



75.5766, 80.9640, 100.9830



81.3112, 80.9640, 92.1839

Rectangle

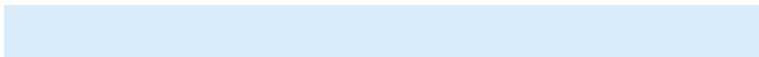
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.3477, 80.9640, 76.4640



74.5922, 80.9640, 77.6860



75.5766, 80.9640, 100.9830



79.3648, 80.9640, 99.5270

Sweetspot

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



78.3499, 80.9676, 76.4657



91.7914, 96.0413, 99.9261



76.7029, 74.3213, 86.2511



19.5191, 20.4004, 21.0383



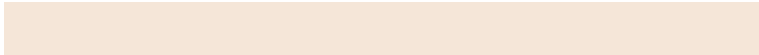
0.0000, 0.0000, 0.0000



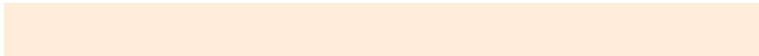
20.3446, 21.4041, 23.3091

Same Dimension

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



78.3499, 80.9676, 76.4657



84.2169, 86.6927, 79.5197



82.4125, 89.0927, 77.8199



17.1596, 17.8032, 17.3295



23.9335, 17.7525, 2.1651



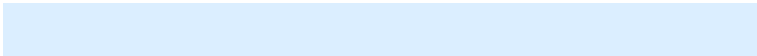
2.2059, 1.7651, 0.2244

Inverse Universe

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



73.3760, 78.3419, 97.6412



77.8584, 83.3360, 106.5896



69.6057, 70.8012, 96.3844



16.2900, 17.3442, 21.0318



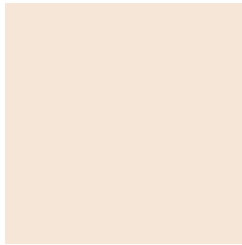
13.0851, 11.9639, 48.1576



1.2530, 1.2573, 4.2669

Previews

White Background



This preview shows how the XYZ color 78.3477, 80.9640, 76.4640 looks on a white background.

Color Contrast Check

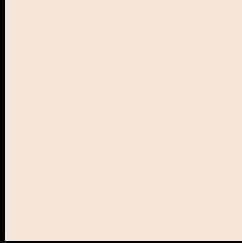
Large Text (above 18pt) WCAG AA × Fail

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 78.3477, 80.9640, 76.4640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

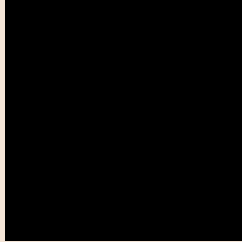
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.3477, 80.9640, 76.4640

Background



This preview shows how black text looks on a background with the XYZ color 78.3477, 80.9640, 76.4640.



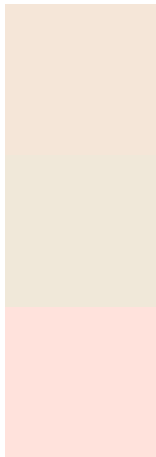
This preview shows how white text looks on a background with the XYZ color 78.3477, 80.9640,

76.4640.

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

78.3477, 80.9640, 76.4640

Protanopia

77.3162, 81.2482, 77.2531

Deuteranopia

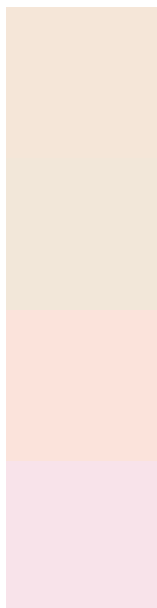
81.3546, 80.8200, 79.0221



Tritanopia

82.5924, 81.0641, 96.8818

Trichromacy



Original Color

78.3477, 80.9640, 76.4640

Protanomaly

77.7182, 81.0388, 77.1915

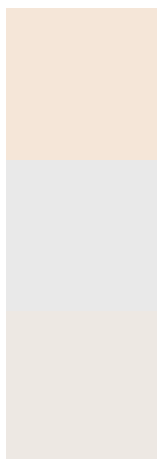
Deuteranomaly

80.0389, 80.5619, 78.3493

Tritanomaly

81.0318, 80.8351, 89.1738

Monochromacy



Original Color

78.3477, 80.9640, 76.4640

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.6468, 81.2638, 84.2661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3477, 80.9640, 76.4640 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(245, 230, 216)` looks like.

```
.text, #text, p{  
    color:rgb(245, 230, 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(245, 230, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 230, 216) }
```

Border

The CSS property to change the border of an element to XYZ 78.3477, 80.9640, 76.4640 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(245, 230, 216) }
```


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

```
.border{ border-color:rgb(245, 230, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 230, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 230, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 230, 216);  
box-shadow:4px 4px 4px 4px rgb(245, 230,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3477, 80.9640, 76.4640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 230, 216) }
```

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

```
.background{ background-color: rgb(245,  
230, 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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