

Converting Colors

XYZ(76.9443, 81.2581, 68.1289)

Have a look what the booklet for
XYZ(76.9443, 81.2581, 68.1289)
contains.

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Color

**XYZ(76.9443, 81.2581,
68.1289)**

Conversions

Conversions Part 1

Format	Color
Hex	F4E8CB
RGB	244, 232, 203
RGB Percent	96%, 91%, 80%
CMY	0.0431, 0.0902, 0.2039
CMYK	0.00, 0.05, 0.17, 0.04
HSL	42°, 65%, 88%
HSV	42°, 17%, 96%
XYZ	76.9443, 81.2581, 68.1289
YIQ	232.2820, 16.4610, -6.4750

Conversions

Conversions Part 2

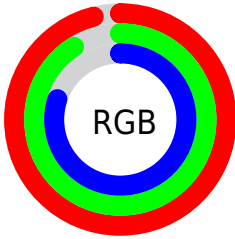
Format	Color
R _Y B	220, 244, 203
Decimal	16050379
CIE Lab	92.25, -0.58, 15.57
CIE LCh	92, 15.581, 92.144
Yxy	81.2581, 0.3400, 0.3590
Android (android.graphics.Color)	4294240459 (0xFFF4E8CB)
YUV	232.2820, -14.4360, 10.2767
Hunter-Lab	90.1433, -5.3871, 18.2898

Details

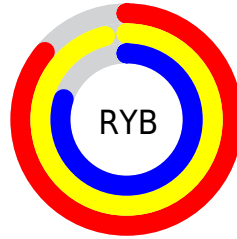
The XYZ color **76.9443, 81.2581, 68.1289** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **65.2579, 67.8276, 95.2410**, and the grayscale version is **77.0109, 81.0215, 88.2324**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6892, 43.9120, 34.7124** is the 20% darker color. If you saturate the color by 10%, you get **72.2943, 76.2506, 53.3445**, and if you desaturate by 10%, it is **82.1380, 86.6191, 85.3543**.

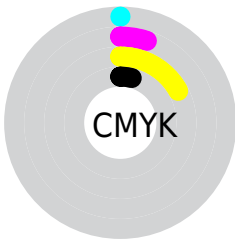
Distribution



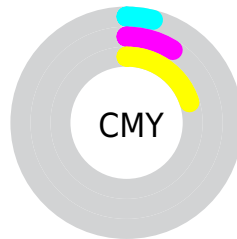
- Red (96%)
- Green (91%)
- Blue (80%)



- Red (86%)
- Yellow (96%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (17%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9443, 81.2581, 68.1289 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 76.9443, 81.2581, 68.1289 by changing the saturation by 10% instead.

76.9443, 81.2581,
68.1289

76.9443, 81.2581,
68.1289

473.4689,
499.1627, 472.5630

57.5069, 60.7542,
49.5353

128.0341,
135.1331, 118.1925

41.6541, 44.0268,
34.6757

160.4173,
169.2730, 150.4995

29.0205, 30.6916,
23.1316

197.8464,
208.7270, 188.2147

19.2407, 20.3641,
14.4845

240.6868,
253.8795, 231.7567

11.9493, 12.6600,
8.3158

289.3039,
305.1150, 281.5440

6.7811, 7.1948,
4.2070

344.0631,

3.3707, 3.5843,

362.8177, 337.9951

1.7396

405.3297,
427.3721, 401.5286

■ 1.3527, 1.4438,
0.3877

■ 0.2221, 0.2487,
0.0000

■ 76.9443, 81.2581,
68.1289

■ 76.9443, 81.2581,
68.1289

■ 72.2943, 76.2506,
53.3445

■ 82.1380, 86.6191,
85.3543

■ 68.1592, 71.5754,
40.8831

■ 87.8897, 92.3328,
105.1207

■ 64.5171, 67.2249,
30.6246

■ 90.6170, 96.9702,
108.5488

■ 61.3418, 63.1871,
22.4363

■ 91.1185, 97.9732,
108.7160

■ 58.6044, 59.4488,
16.1708

■ 56.2723, 55.9952,
11.6612

■ 54.3073, 52.8094,
8.7118

■ 52.6613, 49.8706,
7.0745

■ 52.1784, 48.9732,
6.7027

Harmonies

Analogous

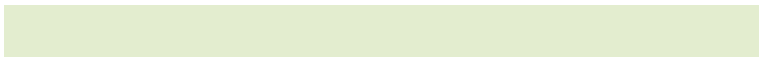
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.9053, 81.2581, 70.2956



76.9443, 81.2581, 68.1289



73.1895, 81.2581, 71.0091

Triad

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



76.9443, 81.2581, 68.1289



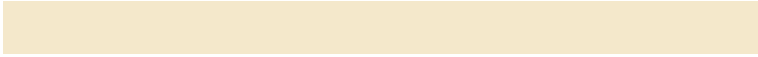
70.8657, 81.2581, 100.7972



84.2780, 81.2581, 99.2391

Complementary

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



76.9443, 81.2581, 68.1289



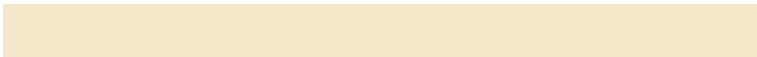
65.2579, 67.8276, 95.2410

Split Complementary

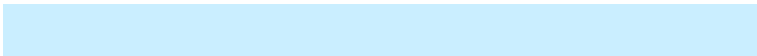
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.4235, 81.2581, 108.5959



76.9443, 81.2581, 68.1289



73.6743, 81.2581, 109.5490

Square

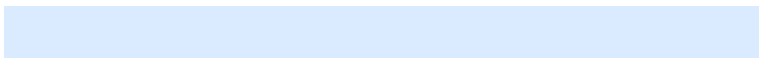
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.9443, 81.2581, 68.1289



69.7567, 81.2581, 89.3078



77.5232, 81.2581, 112.5182



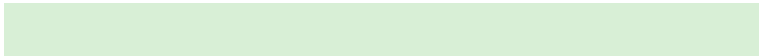
85.2261, 81.2581, 87.6499

Rectangle

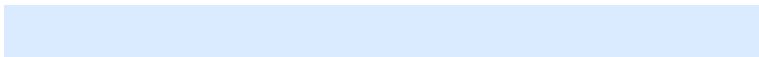
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.9443, 81.2581, 68.1289



71.2841, 81.2581, 75.5626



77.5232, 81.2581, 112.5182



83.5048, 81.2581, 102.7832

Sweetspot

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



76.9465, 81.2617, 68.1306



91.8861, 96.8489, 98.0522



70.9694, 66.8678, 73.6596



19.5749, 20.6366, 20.6732



0.0000, 0.0000, 0.0000



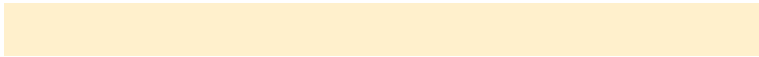
20.3446, 21.4041, 23.3091

Same Dimension

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



76.9465, 81.2617, 68.1306



83.3226, 87.9866, 69.7183



77.6566, 86.8125, 69.1646



17.4813, 18.4467, 17.4368



28.4954, 26.8764, 3.6858



2.5930, 2.5392, 0.3535

Inverse Universe

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



65.2579, 67.8276, 95.2410



68.2626, 70.6790, 104.6523



64.6074, 63.1231, 94.3673



15.9762, 16.7166, 20.9272



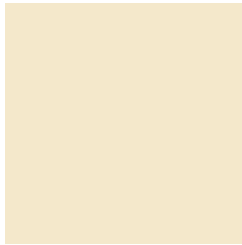
10.2196, 6.2329, 47.2025



0.9833, 0.7180, 4.1770

Previews

White Background



This preview shows how the XYZ color 76.9443, 81.2581, 68.1289 looks on a white background.

Color Contrast Check

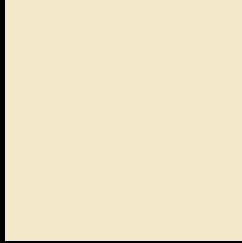
Large Text (above 18pt) WCAG AA × Fail

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 76.9443, 81.2581, 68.1289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

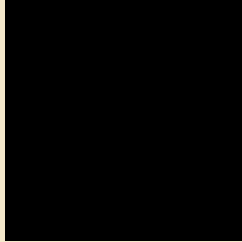
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.9443, 81.2581, 68.1289

Background



This preview shows how black text looks on a background with the XYZ color 76.9443, 81.2581, 68.1289.

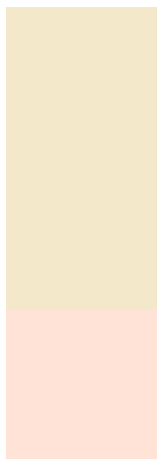


This preview shows how white text looks on a background with the XYZ color 76.9443, 81.2581,

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

76.9443, 81.2581, 68.1289

Protanopia

76.9443, 81.2581, 68.1289

Deuteranopia

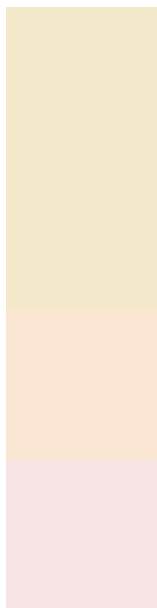
80.9748, 81.1045, 75.6769



Tritanopia

82.5924, 81.0641, 96.8818

Trichromacy



Original Color

76.9443, 81.2581, 68.1289

Protanomaly

76.9443, 81.2581, 68.1289

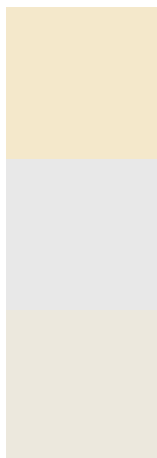
Deuteranomaly

79.5608, 81.2510, 73.1177

Tritanomaly

80.2440, 80.9181, 85.5182

Monochromacy



Original Color

76.9443, 81.2581, 68.1289

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.4998, 80.7666, 79.9641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9443, 81.2581, 68.1289 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(244, 232, 203) looks like.

```
.text, #text, p{  
    color:rgb(244, 232, 203)  
}
```

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(244, 232, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 232, 203) }
```

Border

The CSS property to change the border of an element to XYZ 76.9443, 81.2581, 68.1289 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(244, 232, 203) }
```


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

```
.border{ border-color:rgb(244, 232, 203) }
```

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

Here you see how a box with a 4 pixel rgb(244, 232, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 232, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 232, 203);  
box-shadow:4px 4px 4px 4px rgb(244, 232,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9443, 81.2581, 68.1289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 232, 203) }
```

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

```
.background{ background-color: rgb(244,  
232, 203) }
```

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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