

Converting Colors

XYZ(78.3656, 82.2385, 76.0361)

Have a look what the booklet for
XYZ(78.3656, 82.2385, 76.0361)
contains.

XYZ(78.3668, 82.2388, 76.0333) 3
***Conversions* 4**
***Details* 6**
***Harmonies* 12**
***Previews* 24**
***Color Blindness Simulation* 28**
***CSS Examples* 31**

Color

**XYZ(78.3668, 82.2388,
76.0333)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E9D7
RGB	243, 233, 215
RGB Percent	95%, 91%, 84%
CMY	0.0471, 0.0863, 0.1569
CMYK	0.00, 0.04, 0.12, 0.05
HSL	39°, 54%, 90%
HSV	39°, 12%, 95%
XYZ	78.3668, 82.2388, 76.0333
YIQ	233.9380, 11.7380, -3.4780

Conversions

Conversions Part 2

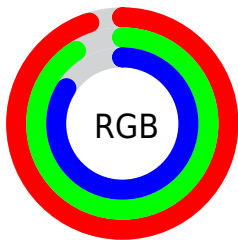
Format	Color
R_{YB}	231, 243, 215
Decimal	15985111
CIE Lab	92.68, 0.40, 9.94
CIE LCh	93, 9.951, 87.686
Yxy	82.2388, 0.3312, 0.3475
Android (android.graphics.Color)	4294175191 (0xFFFF3E9D7)
YUV	233.9380, -9.3364, 7.9474
Hunter-Lab	90.6856, -4.4474, 13.7696

Details

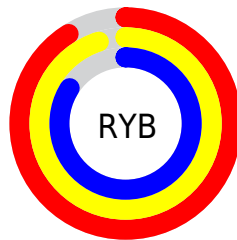
The XYZ color **78.3668, 82.2388, 76.0333** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.1270, 74.7672, 95.4775**, and the grayscale version is **78.2239, 82.2977, 89.6222**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.5608, 44.5471, 39.6130** is the 20% darker color. If you saturate the color by 10%, you get **73.0784, 76.2929, 59.9926**, and if you desaturate by 10%, it is **84.2442, 88.6189, 94.5604**.

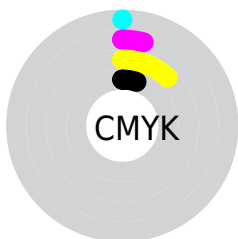
Distribution



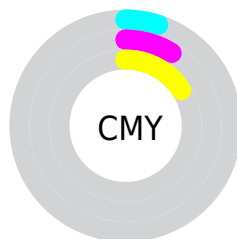
- Red (95%)
- Green (91%)
- Blue (84%)



- Red (91%)
- Yellow (95%)
- Blue (84%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (5%)




- Cyan (5%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.3668, 82.2388, 76.0333 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 78.3668, 82.2388, 76.0333 by changing the saturation by 10% instead.


 78.3668, 82.2388,
76.0333

 78.3668, 82.2388,
76.0333


478.2324,
502.4461, 500.8116

 58.6792, 61.5624,
55.9530


130.0297,
136.5088, 129.5345

 42.6003, 44.6792,
39.7615


162.7357,
170.8712, 163.7925

 29.7648, 31.2048,
27.0403


200.5118,
210.5644, 203.6134

 19.8073, 20.7549,
17.3708

243.7235,
255.9728, 249.4159

 12.3625, 12.9449,
10.3344

292.7360,
307.4808, 301.6184

 7.0650, 7.3906,
5.5128

347.9148,

 3.5495, 3.7076,

365.4727, 360.6394

2.4872

409.6251,
430.3330, 426.8977

■ 1.4506, 1.5114,
0.8334

■ 0.2918, 0.2967,
0.0000

■ 78.3668, 82.2388,
76.0333

■ 78.3668, 82.2388,
76.0333

■ 73.0784, 76.2929,
59.9926

■ 84.2442, 88.6189,
94.5604

■ 68.3503, 70.7588,
46.3252

■ 89.3085, 94.8670,
108.2118

■ 64.1611, 65.6279,
34.9169

■ 90.7725, 97.7949,
108.6998

■ 60.4852, 60.8871,
25.6422

■ 57.2946, 56.5222,
18.3628

■ 54.5583, 52.5179,
12.9244

■ 52.2408, 48.8568,
9.1496

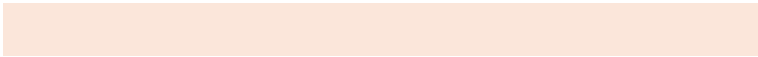
■ 50.2998, 45.5188,
6.8251

■ 48.8938, 42.9175,
5.7069

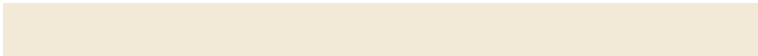
Harmonies

Analogous

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



80.8585, 82.2388, 78.0210



78.3668, 82.2388, 76.0333



75.8740, 82.2388, 77.4967

Triad

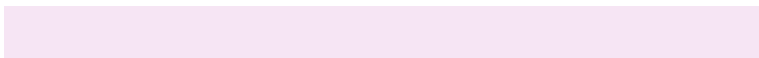
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.3668, 82.2388, 76.0333



73.8372, 82.2388, 96.3370



82.4512, 82.2388, 97.3883

Complementary

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



78.3668, 82.2388, 76.0333



71.1270, 74.7672, 95.4775

Split Complementary

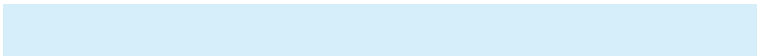
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.5027, 82.2388, 102.7794



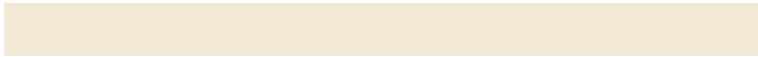
78.3668, 82.2388, 76.0333



75.5330, 82.2388, 102.1493

Square

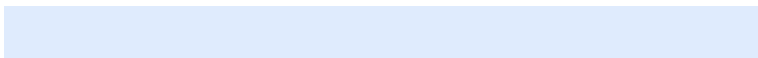
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.3668, 82.2388, 76.0333



73.2934, 82.2388, 88.9693



77.9646, 82.2388, 104.5675



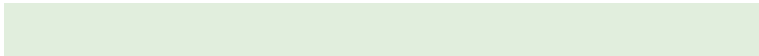
83.2489, 82.2388, 90.1213

Rectangle

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



78.3668, 82.2388, 76.0333



74.5398, 82.2388, 80.2800



77.9646, 82.2388, 104.5675



81.9070, 82.2388, 99.4948

Sweetspot

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



78.3690, 82.2424, 76.0351



92.9776, 97.7870, 102.2535



74.8906, 73.1075, 81.5901



19.7847, 20.8054, 21.5157



0.0000, 0.0000, 0.0000



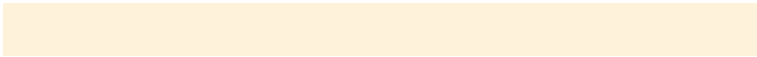
20.3446, 21.4041, 23.3091

Same Dimension

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



78.3690, 82.2424, 76.0351



85.8941, 90.0470, 80.0788



80.0039, 87.4055, 76.9455



17.3880, 18.2602, 17.4057



26.9664, 23.8185, 3.1761



2.4669, 2.2871, 0.3114

Inverse Universe

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



71.1270, 74.7672, 95.4775



76.2228, 80.0647, 106.0444



69.6125, 70.0919, 94.6549



16.0652, 16.8948, 20.9569



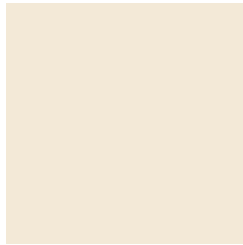
10.8536, 7.5009, 47.4138



1.0474, 0.8462, 4.1984

Previews

White Background



This preview shows how the XYZ color 78.3668, 82.2388, 76.0333 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 78.3668, 82.2388, 76.0333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

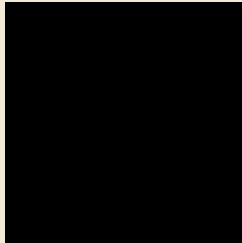
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

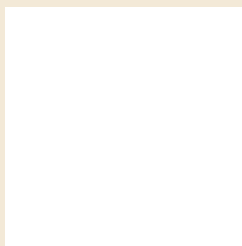
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 78.3668, 82.2388, 76.0333

Background



This preview shows how black text looks on a background with the XYZ color 78.3668, 82.2388, 76.0333.

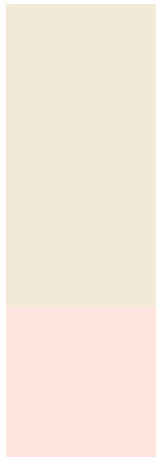


This preview shows how white text looks on a background with the XYZ color 78.3668, 82.2388,

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

78.3668, 82.2388, 76.0333

Protanopia

78.3668, 82.2388, 76.0333

Deuteranopia

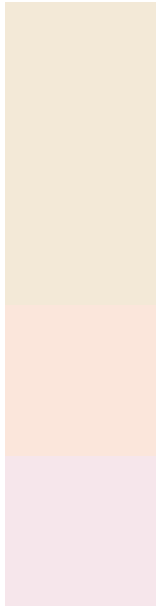
82.1682, 82.0207, 80.6081



Tritanopia

82.7357, 81.9148, 98.6393

Trichromacy



Original Color

78.3668, 82.2388, 76.0333

Protanomaly

78.3668, 82.2388, 76.0333

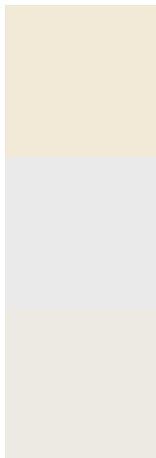
Deuteranomaly

80.8667, 82.2173, 78.6252

Tritanomaly

81.2982, 82.1846, 90.1756

Monochromacy



Original Color

78.3668, 82.2388, 76.0333

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

78.2130, 82.3962, 84.4548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3668, 82.2388, 76.0333 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(243, 233, 215) looks like.

```
.text, #text, p{  
    color:rgb(243, 233, 215)  
}
```

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(243, 233, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 233, 215) }
```

Border

The CSS property to change the border of an element to XYZ 78.3668, 82.2388, 76.0333 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(243, 233, 215) }
```


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

```
.border{ border-color:rgb(243, 233, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 233, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 233, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 233, 215);  
box-shadow:4px 4px 4px 4px rgb(243, 233,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3668, 82.2388, 76.0333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 233, 215) }
```

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

```
.background{ background-color: rgb(243,  
233, 215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor