

# Converting Colors

XYZ(78.3905, 82.1097, 76.7491)

Have a look what the booklet for  
XYZ(78.3905, 82.1097, 76.7491)  
contains.

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# Color

**XYZ(78.4957, 82.2904,  
76.7122)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3E9D8
RGB	243, 233, 216
RGB Percent	95%, 91%, 85%
CMY	0.0471, 0.0863, 0.1529
CMYK	0.00, 0.04, 0.11, 0.05
HSL	38°, 53%, 90%
HSV	38°, 11%, 95%
XYZ	78.4957, 82.2904, 76.7122
YIQ	234.0520, 11.4170, -3.1670

# Conversions

## Conversions Part 2

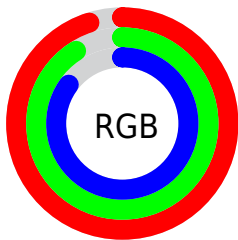
Format	Color
R <sub>Y</sub> B	232, 243, 216
Decimal	15985112
CIE Lab	92.70, 0.56, 9.46
CIE LCh	93, 9.472, 86.606
Yxy	82.2904, 0.3305, 0.3465
Android (android.graphics.Color)	4294175192 (0xFFFF3E9D8)
YUV	234.0520, -8.8996, 7.8474
Hunter-Lab	90.7141, -4.2919, 13.3613

# Details

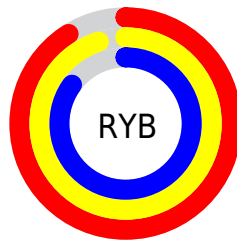
The XYZ color **78.4957, 82.2904, 76.7122** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.6926, 75.4612, 95.5816**, and the grayscale version is **78.3072, 82.3853, 89.7176**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6487, 44.5823, 40.0756** is the 20% darker color. If you saturate the color by 10%, you get **73.1023, 76.1642, 60.5443**, and if you desaturate by 10%, it is **84.4881, 88.8693, 95.3738**.

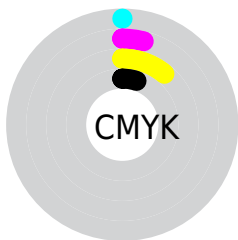
# Distribution



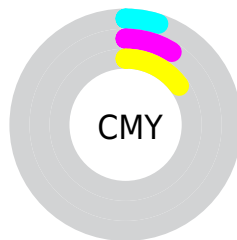
- Red (95%)
- Green (91%)
- Blue (85%)



- Red (91%)
- Yellow (95%)
- Blue (85%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (5%)



- Cyan (5%)
- Magenta (9%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 78.4957, 82.2904, 76.7122 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 78.4957, 82.2904, 76.7122 by changing the saturation by 10% instead.



78.4957, 82.2904,  
76.7122

78.4957, 82.2904,  
76.7122

478.6628,  
502.6185, 503.1938

58.7855, 61.6049,  
56.5065

130.2103,  
136.5812, 130.5024

42.6861, 44.7136,  
40.2025

162.9455,  
170.9553, 164.9241

29.8324, 31.2319,  
27.3815

200.7529,  
210.6610, 204.9215

19.8588, 20.7755,  
17.6250

243.9981,  
256.0828, 250.9132

12.4001, 12.9600,  
10.5144

293.0463,  
307.6051, 303.3178

7.0909, 7.4010,  
5.6313

348.2629,

3.5659, 3.7141,

365.6122, 362.5537

2.5571

410.0133,  
430.4886, 429.0395

■ 1.4596, 1.5150,  
0.8702

■ 0.2981, 0.2992,  
0.0000

■ 78.4957, 82.2904,  
76.7122

■ 78.4957, 82.2904,  
76.7122

■ 73.1023, 76.1642,  
60.5443

■ 84.4881, 88.8693,  
95.3738

■ 68.2788, 70.4681,  
46.7572

■ 89.5088, 95.2676,  
108.2786

■ 64.0039, 65.1928,  
35.2370

■ 90.7724, 97.7948,  
108.6998

■ 60.2518, 60.3250,  
25.8586

■ 56.9945, 55.8502,  
18.4842

■ 54.2008, 51.7525,  
12.9603

■ 51.8351, 48.0143,  
9.1102

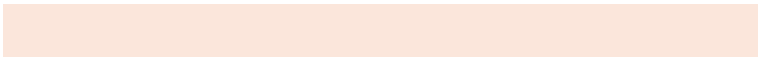
■ 49.8554, 44.6151,  
6.7229

■ 48.3609, 41.8517,  
5.5293

# Harmonies

## Analogous

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



80.8544, 82.2904, 78.7303



78.4957, 82.2904, 76.7122



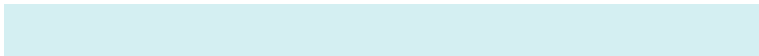
76.1094, 82.2904, 77.9948

# Triad

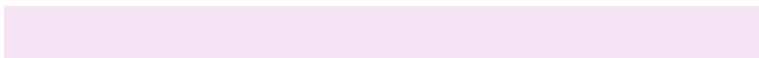
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.4957, 82.2904, 76.7122



74.0497, 82.2904, 95.8229



82.2420, 82.2904, 97.2870

# Complementary

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



78.4957, 82.2904, 76.7122



71.6926, 75.4612, 95.5816

# Split Complementary

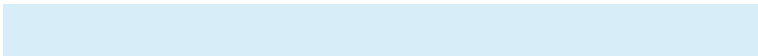
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.3582, 82.2904, 102.3033



78.4957, 82.2904, 76.7122



75.6328, 82.2904, 101.4273

# Square

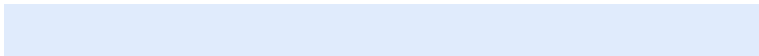
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



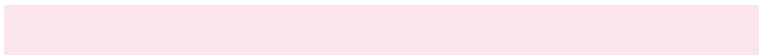
78.4957, 82.2904, 76.7122



73.5745, 82.2904, 88.7984



77.9341, 82.2904, 103.8566



83.0457, 82.2904, 90.4069

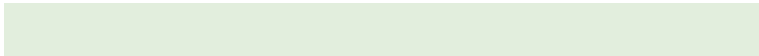


# Rectangle

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



78.4957, 82.2904, 76.7122



74.8182, 82.2904, 80.5878



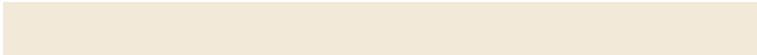
77.9341, 82.2904, 103.8566



81.7122, 82.2904, 99.2607

# Sweetspot

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



78.4980, 82.2940, 76.7140



92.9458, 97.7234, 102.2429



75.2945, 73.6778, 82.4574



19.7761, 20.7883, 21.5128



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, 82.2940, 76.7140



86.3740, 90.4645, 81.9109



80.3303, 87.5589, 77.6336



17.3690, 18.2221, 17.3993



26.6753, 23.2362, 3.0791



2.4426, 2.2384, 0.3033

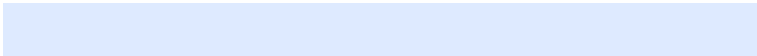


# Inverse Universe

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



71.6926, 75.4612, 95.5816



77.5858, 81.6410, 106.2768



69.9932, 70.6673, 94.7458



16.0836, 16.9315, 20.9630



11.0016, 7.7969, 47.4631

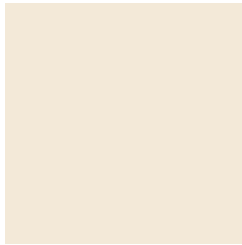


1.0618, 0.8750, 4.2032



# Previews

## White Background



This preview shows how the XYZ color 78.4957, 82.2904, 76.7122 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

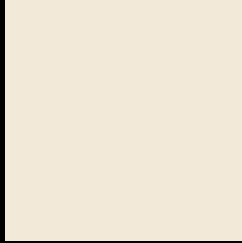
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 78.4957, 82.2904, 76.7122 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

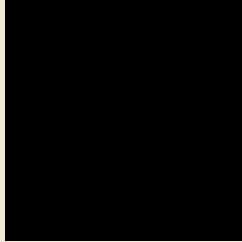
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 78.4957, 82.2904, 76.7122**

## **Background**



This preview shows how black text looks on a background with the XYZ color 78.4957, 82.2904, 76.7122.



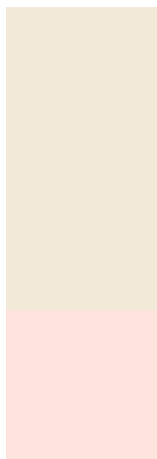
This preview shows how white text looks on a background with the XYZ color 78.4957, 82.2904,

76.7122.

# 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

78.4957, 82.2904, 76.7122

### Protanopia

78.1515, 82.1129, 76.6961

### Deuteranopia

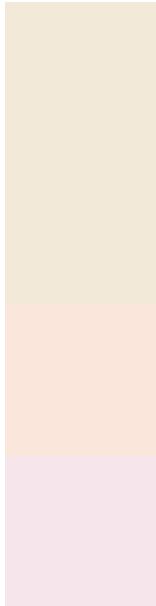
82.1682, 82.0207, 80.6081



## Tritanopia

82.7357, 81.9148, 98.6393

# Trichromacy



## Original Color

78.4957, 82.2904, 76.7122

## Protanomaly

78.1515, 82.1129, 76.6961

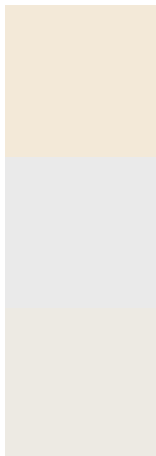
## Deuteranomaly

80.9987, 82.2702, 79.3208

## Tritanomaly

81.2982, 82.1846, 90.1756

# Monochromacy



## Original Color

78.4957, 82.2904, 76.7122

## 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 78.4957, 82.2904, 76.7122 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, 216) looks like.

```
.text, #text, p{  
    color:rgb(243, 233, 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(243, 233, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 233, 216) }
```

## Border

The CSS property to change the border of an element to XYZ 78.4957, 82.2904, 76.7122 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, 216) }
```



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

```
.border{ border-color:rgb(243, 233, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 233, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 233, 216); box-shadow:4px 4px 4px 4px rgb(243, 233, 216) }
```

# Background

The CSS property to change the background color of an element to XYZ 78.4957, 82.2904, 76.7122 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, 216) }
```

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

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