

Converting Colors

XYZ(78.3245, 83.8147, 62.3887)

Have a look what the booklet for
XYZ(78.3245, 83.8147, 62.3887)
contains.

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Color

**XYZ(78.3325, 83.7976,
62.4981)**

Conversions

Conversions Part 1

Format	Color
Hex	F8ECC1
RGB	248, 236, 193
RGB Percent	97%, 93%, 76%
CMY	0.0274, 0.0745, 0.2431
CMYK	0.00, 0.05, 0.22, 0.03
HSL	47°, 80%, 86%
HSV	47°, 22%, 97%
XYZ	78.3325, 83.7976, 62.4981
YIQ	234.6860, 20.9550, -10.8290

Conversions

Conversions Part 2

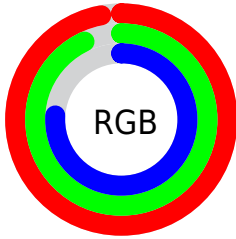
Format	Color
R _Y B	208, 248, 193
Decimal	16313537
CIE Lab	93.36, -2.61, 22.34
CIE LCh	93, 22.495, 96.658
Yxy	83.7976, 0.3487, 0.3731
Android (android.graphics.Color)	4294503617 (0xFFF8ECC1)
YUV	234.6860, -20.5512, 11.6764
Hunter-Lab	91.5410, -7.4527, 23.5995

Details

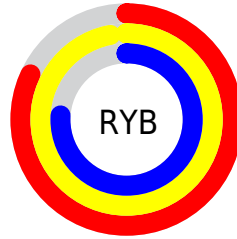
The XYZ color **78.3325, 83.7976, 62.4981** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **60.7667, 61.7760, 97.5286**, and the grayscale version is **78.8688, 82.9762, 90.3610**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **42.4673, 45.5830, 30.9862** is the 20% darker color. If you saturate the color by 10%, you get **74.2617, 79.7181, 48.6176**, and if you desaturate by 10%, it is **82.9188, 88.1646, 78.8411**.

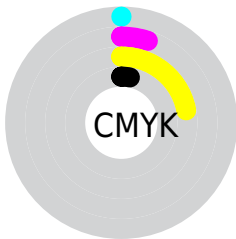
Distribution



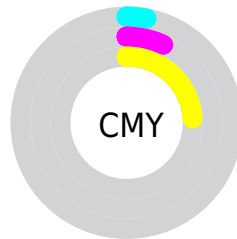
- Red (97%)
- Green (93%)
- Blue (76%)



- Red (82%)
- Yellow (97%)
- Blue (76%)



- Cyan (0%)
- Magenta (5%)
- Yellow (22%)
- Black (3%)



- Cyan (3%)
- Magenta (7%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.3325, 83.7976, 62.4981 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 78.3325, 83.7976, 62.4981 by changing the saturation by 10% instead.

78.3325, 83.7976,
62.4981

78.3325, 83.7976,
62.4981

478.1179,
507.6409, 451.8034

58.6509, 62.8483,
44.9969

129.9816,
138.6920, 110.0237

42.5774, 45.7185,
31.1121

162.6798,
173.4060, 140.8851

29.7468, 32.0238,
20.4250

200.4477,
213.4769, 177.0371

19.7936, 21.3797,
12.5172

243.6504,
259.2893, 218.8981

12.3525, 13.4018,
6.9702

292.6534,
311.2275, 266.8867

7.0581, 7.7058,
3.3653

347.8221,

3.5451, 3.9073,

369.6759, 321.4214

1.2840

409.5218,
435.0189, 382.9208

■ 1.4482, 1.6218,
0.0487

■ 0.2902, 0.3723,
0.0000

■ 78.3325, 83.7976,
62.4981

■ 78.3325, 83.7976,
62.4981

■ 74.2617, 79.7181,
48.6176

■ 82.9188, 88.1646,
78.8411

■ 70.6764, 75.9046,
37.0725

■ 88.0360, 92.8171,
97.7549

■ 67.5531, 72.3502,
27.7322

■ 91.6449, 96.9431,
108.4894

■ 64.8639, 69.0428,
20.4510

■ 92.5216, 98.6966,
108.7817

■ 62.5773, 65.9692,
15.0657

■ 60.6572, 63.1143,
11.3881

■ 59.0601, 60.4600,
9.1914

■ 57.9845, 58.5023,
8.2360

Harmonies

Analogous

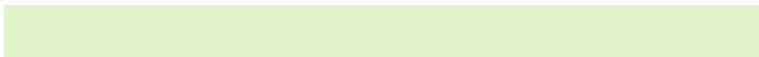
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.2509, 83.7976, 64.4233



78.3325, 83.7976, 62.4981



73.0318, 83.7976, 67.4720

Triad

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



78.3325, 83.7976, 62.4981



70.8458, 83.7976, 112.1589



90.5814, 83.7976, 104.8013

Complementary

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



78.3325, 83.7976, 62.4981



60.7667, 61.7760, 97.5286

Split Complementary

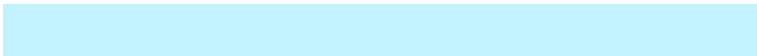
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.6503, 83.7976, 120.0248



78.3325, 83.7976, 62.4981



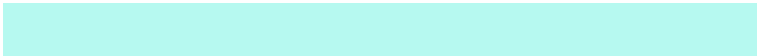
75.2141, 83.7976, 124.6276

Square

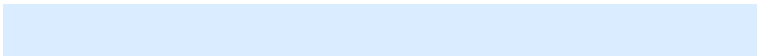
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.3325, 83.7976, 62.4981



68.8501, 83.7976, 95.0798



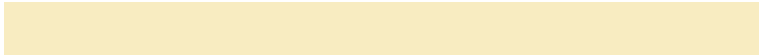
80.9763, 83.7976, 127.6713



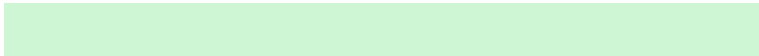
91.5177, 83.7976, 87.5076

Rectangle

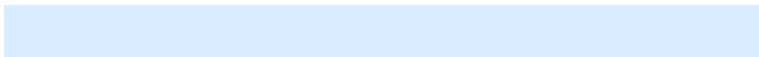
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.3325, 83.7976, 62.4981



70.4964, 83.7976, 74.4440



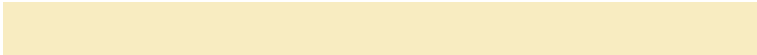
80.9763, 83.7976, 127.6713



89.5573, 83.7976, 110.3925

Sweetspot

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



78.3347, 83.8014, 62.4999



91.0787, 96.4445, 94.0510



68.9026, 62.5456, 66.7285



19.4242, 20.5790, 19.8706



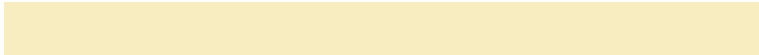
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

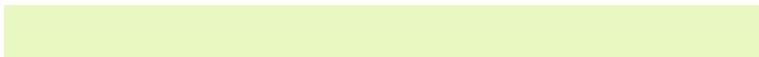
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.3347, 83.8014, 62.4999



81.2745, 87.1227, 59.0708



76.9070, 88.3655, 63.4561



18.3874, 19.5106, 18.2592



31.4309, 31.8185, 4.4850



2.9878, 3.1004, 0.4410

Inverse Universe

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



60.7667, 61.7760, 97.5286



59.2614, 59.5283, 102.9744



61.9330, 58.2800, 96.7924



16.5899, 17.2566, 21.8418



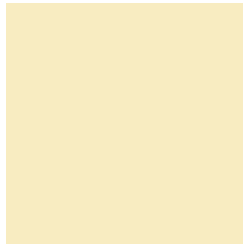
9.9510, 5.2576, 48.4639



0.9961, 0.6359, 4.5134

Previews

White Background



This preview shows how the XYZ color 78.3325, 83.7976, 62.4981 looks on a white background.

Color Contrast Check

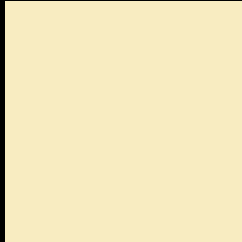
Large Text (above 18pt) WCAG AA × Fail

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 78.3325, 83.7976, 62.4981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

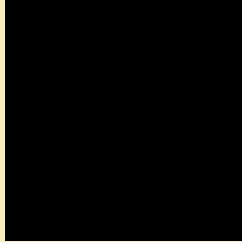
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.3325, 83.7976, 62.4981

Background



This preview shows how black text looks on a background with the XYZ color 78.3325, 83.7976, 62.4981.

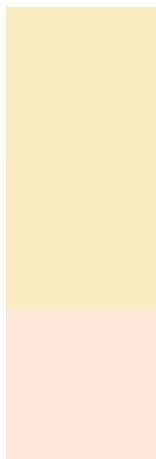


This preview shows how white text looks on a background with the XYZ color 78.3325, 83.7976,

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

78.3325, 83.7976, 62.4981

Protanopia

78.7583, 83.5909, 62.4357

Deuteranopia

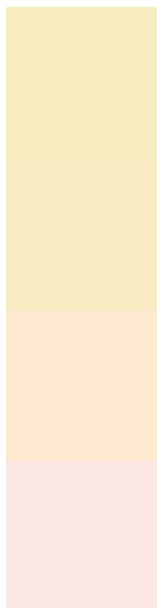
82.6210, 83.9830, 77.5014



Tritanopia

86.0478, 84.0140, 99.6768

Trichromacy



Original Color

78.3325, 83.7976, 62.4981

Protanomaly

78.4009, 83.4067, 62.4190

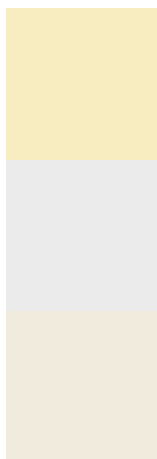
Deuteranomaly

80.6690, 83.5273, 71.5452

Tritanomaly

82.8666, 83.9547, 84.5104

Monochromacy



Original Color

78.3325, 83.7976, 62.4981

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.5618, 83.1092, 79.6112

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.3325, 83.7976, 62.4981 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(248, 236, 193) looks like.

```
.text, #text, p{  
    color:rgb(248, 236, 193)  
}
```

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(248, 236, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 236, 193) }
```

Border

The CSS property to change the border of an element to XYZ 78.3325, 83.7976, 62.4981 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(248, 236, 193) }
```


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

```
.border{ border-color:rgb(248, 236, 193) }
```

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

Here you see how a box with a 4 pixel rgb(248, 236, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 236, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 236, 193);  
box-shadow:4px 4px 4px 4px rgb(248, 236,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 78.3325, 83.7976, 62.4981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 236, 193) }
```

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

```
.background{ background-color: rgb(248,  
236, 193) }
```

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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