

Converting Colors

XYZ(76.3294, 76.9006, 84.2247)

Have a look what the booklet for
XYZ(76.3294, 76.9006, 84.2247)
contains.

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Color

**XYZ(76.3264, 76.9021,
84.2195)**

Conversions

Conversions Part 1

Format	Color
Hex	F0DFE4
RGB	240, 223, 228
RGB Percent	94%, 87%, 89%
CMY	0.0588, 0.1255, 0.1059
CMYK	0.00, 0.07, 0.05, 0.06
HSL	342°, 36%, 91%
HSV	342°, 7%, 94%
XYZ	76.3264, 76.9021, 84.2195
YIQ	228.6530, 8.5270, 5.1590

Conversions

Conversions Part 2

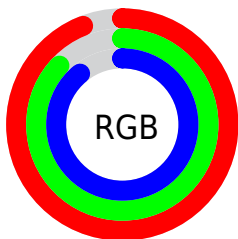
Format	Color
R_{YB}	240, 223, 228
Decimal	15785956
CIE Lab	90.28, 6.66, -0.35
CIE LCh	90, 6.667, 356.957
Yxy	76.9021, 0.3214, 0.3239
Android (android.graphics.Color)	4293976036 (0xFFFF0DFE4)
YUV	228.6530, -0.3219, 9.9513
Hunter-Lab	87.6938, 1.8975, 4.4447

Details

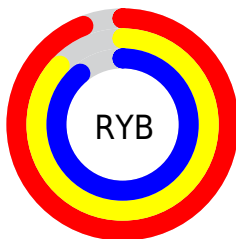
The XYZ color **76.3264, 76.9021, 84.2195** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.5898, 84.0082, 90.7799**, and the grayscale version is **74.2210, 78.0863, 85.0359**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3126, 41.2127, 45.3126** is the 20% darker color. If you saturate the color by 10%, you get **68.1252, 64.0809, 70.4431**, and if you desaturate by 10%, it is **85.6715, 91.6400, 99.5166**.

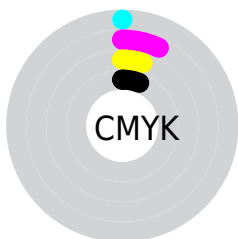
Distribution



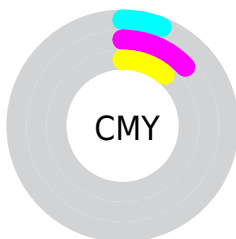
- Red (94%)
- Green (87%)
- Blue (89%)



- Red (94%)
- Yellow (87%)
- Blue (89%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (6%)





- Cyan (6%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.3264, 76.9021, 84.2195 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 76.3264, 76.9021, 84.2195 by changing the saturation by 10% instead.


 76.3264, 76.9021,
84.2195

 76.3264, 76.9021,
84.2195


471.3915,
484.4302, 529.1189

 56.9982, 57.1725,
62.6502


127.1661,
129.0013, 141.1466

 41.2439, 41.1438,
45.1191

159.4083,
162.1397, 177.3416

 28.6982, 28.4314,
31.2076


196.6858,
200.5165, 219.2489

 18.9958, 18.6511,
20.4972

239.3641,
244.5160, 267.2870

 11.7712, 11.4185,
12.5693

287.8084,
294.5228, 321.8746

 6.6592, 6.3490,
7.0054

342.3842,

 3.2943, 3.0585,

350.9212, 383.4300

3.3870

403.4568,
414.0955, 452.3720

■ 1.3112, 1.1623,
1.2955

■ 0.1916, 0.0306,
0.0581

■ 76.3264, 76.9021,
84.2195

■ 76.3264, 76.9021,
84.2195

■ 68.1252, 64.0809,
70.4431

■ 85.6715, 91.6400,
99.5166

■ 61.0166, 53.0876,
58.1351

■ 89.7455, 97.2654,
108.6518

■ 54.9553, 43.8414,
47.2471

■ 49.8900, 36.2514,
37.7263

■ 45.7651, 30.2185,
29.5164

■ 42.5191, 25.6330,
22.5568

■ 40.0830, 22.3707,
16.7818

■ 38.3766, 20.2861,
12.1188

■ 37.2985, 19.1923,
8.4840

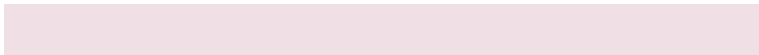
Harmonies

Analogous

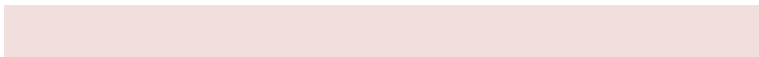
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.8010, 76.9021, 88.8163



76.3264, 76.9021, 84.2195



75.9747, 76.9021, 79.6582

Triad

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



76.3264, 76.9021, 84.2195



71.6560, 76.9021, 75.8482



71.3668, 76.9021, 91.6305

Complementary

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



76.3264, 76.9021, 84.2195



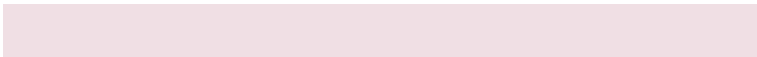
76.5898, 84.0082, 90.7799

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.



70.2854, 76.9021, 87.9451



76.3264, 76.9021, 84.2195



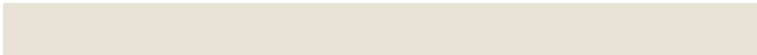
70.4506, 76.9021, 78.8480

Square

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



76.3264, 76.9021, 84.2195



73.2627, 76.9021, 74.9343



69.9525, 76.9021, 83.2490



72.9238, 76.9021, 93.1955

Rectangle

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



76.3264, 76.9021, 84.2195



75.2930, 76.9021, 77.2299



69.9525, 76.9021, 83.2490



70.9365, 76.9021, 90.5919

Sweetspot

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



76.3286, 76.9055, 84.2212



92.8701, 96.5593, 105.3400



76.3463, 76.7154, 93.2226



19.9009, 20.7037, 22.5845



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.



76.3286, 76.9055, 84.2212



86.6509, 86.7746, 95.0856



76.5622, 78.4667, 80.9265



15.9639, 15.8353, 17.3663



20.3366, 10.4071, 4.4230



1.7337, 0.8825, 0.5886

Inverse Universe

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



76.3286, 76.9055, 84.2212



86.6509, 86.7746, 95.0856



76.3306, 82.3184, 94.3049



15.9639, 15.8353, 17.3663



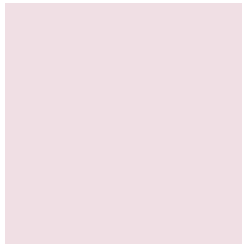
20.3366, 10.4071, 4.4230



1.7337, 0.8825, 0.5886

Previews

White Background



This preview shows how the XYZ color 76.3264, 76.9021, 84.2195 looks on a white background.

Color Contrast Check

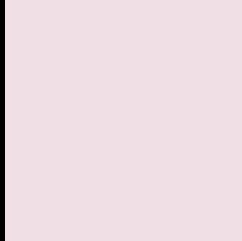
Large Text (above 18pt) WCAG AA × Fail

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 76.3264, 76.9021, 84.2195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

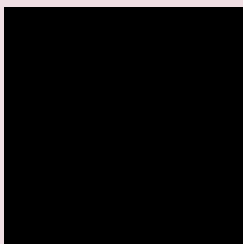
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

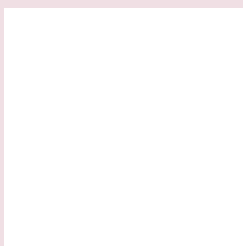
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.3264, 76.9021, 84.2195

Background



This preview shows how black text looks on a background with the XYZ color 76.3264, 76.9021, 84.2195.

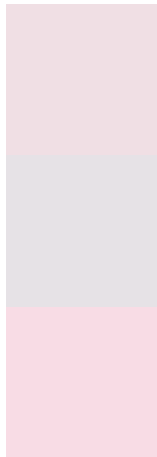


This preview shows how white text looks on a background with the XYZ color 76.3264, 76.9021,

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

76.3264, 76.9021, 84.2195

Protanopia

74.1124, 76.9289, 85.8055

Deuteranopia

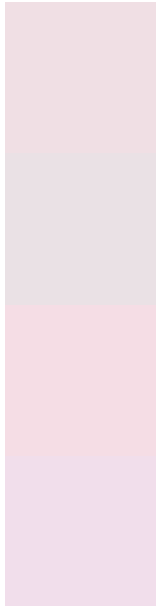
78.4475, 76.8000, 84.8180



Tritanopia

78.0544, 76.8221, 92.3756

Trichromacy



Original Color

76.3264, 76.9021, 84.2195

Protanomaly

74.9998, 77.0000, 85.0383

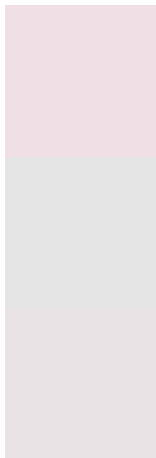
Deuteranomaly

77.6555, 76.7825, 84.8564

Tritanomaly

77.3923, 76.9415, 89.3694

Monochromacy



Original Color

76.3264, 76.9021, 84.2195

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.2162, 77.9190, 85.2043

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.3264, 76.9021, 84.2195 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(240, 223, 228) looks like.

```
.text, #text, p{  
    color:rgb(240, 223, 228)  
}
```

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(240, 223, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 223, 228) }
```

Border

The CSS property to change the border of an element to XYZ 76.3264, 76.9021, 84.2195 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(240, 223, 228) }
```


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

```
.border{ border-color:rgb(240, 223, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 223, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 223, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 223, 228);  
box-shadow:4px 4px 4px 4px rgb(240, 223,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 76.3264, 76.9021, 84.2195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 223, 228) }
```

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

```
.background{ background-color: rgb(240,  
223, 228) }
```

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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