

Converting Colors

XYZ(76.7564, 80.1286, 77.0665)

Have a look what the booklet for
XYZ(76.7564, 80.1286, 77.0665)
contains.

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Color

**XYZ(76.7564, 80.1286,
77.0665)**

Conversions

Conversions Part 1

Format	Color
Hex	F0E6D9
RGB	240, 230, 217
RGB Percent	94%, 90%, 85%
CMY	0.0588, 0.0980, 0.1490
CMYK	0.00, 0.04, 0.10, 0.06
HSL	34°, 43%, 90%
HSV	34°, 10%, 94%
XYZ	76.7564, 80.1286, 77.0665
YIQ	231.5080, 10.1330, -1.9230

Conversions

Conversions Part 2

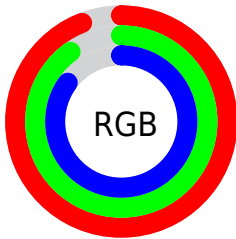
Format	Color
R _Y B	235, 240, 217
Decimal	15787737
CIE Lab	91.74, 1.21, 7.53
CIE LCh	92, 7.622, 80.870
Yxy	80.1286, 0.3281, 0.3425
Android (android.graphics.Color)	4293977817 (0xFFFF0E6D9)
YUV	231.5080, -7.1524, 7.4475
Hunter-Lab	89.5146, -3.5915, 11.6152

Details

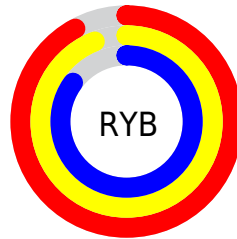
The XYZ color **76.7564, 80.1286, 77.0665** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **71.8125, 75.9800, 93.3197**, and the grayscale version is **76.3824, 80.3602, 87.5123**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6187, 43.4589, 40.3773** is the 20% darker color. If you saturate the color by 10%, you get **71.0433, 73.3395, 60.8645**, and if you desaturate by 10%, it is **83.1017, 87.4537, 95.7208**.

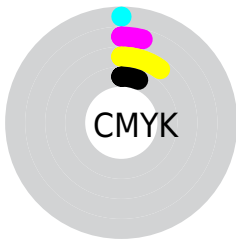
Distribution



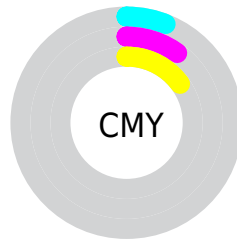
- Red (94%)
- Green (90%)
- Blue (85%)



- Red (92%)
- Yellow (94%)
- Blue (85%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (6%)



- Cyan (6%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.7564, 80.1286, 77.0665 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 76.7564, 80.1286, 77.0665 by changing the saturation by 10% instead.

76.7564, 80.1286,
77.0665

76.7564, 80.1286,
77.0665

472.8378,
495.3661, 504.4344

57.3522, 59.8242,
56.7956

127.7702,
133.5465, 131.0072

41.5293, 43.2769,
40.4329

160.1106,
167.4288, 165.5141

28.9224, 30.1025,
27.5599

197.4936,
206.6059, 205.6033

19.1661, 19.9164,
17.7580

240.2848,
251.4620, 251.6935

11.8951, 12.3343,
10.6087

288.8495,
302.3818, 304.2032

6.7440, 6.9718,
5.6935

343.5529,

3.3474, 3.4444,

359.7494, 363.5509

2.5939

404.7606,
423.9494, 430.1551

■ 1.3400, 1.3679,
0.8893

■ 0.2129, 0.1929,
0.0000

■ 76.7564, 80.1286,
77.0665

■ 76.7564, 80.1286,
77.0665

■ 71.0433, 73.3395,
60.8645

■ 83.1017, 87.4537,
95.7208

■ 65.9332, 67.0621,
47.0061

■ 88.4411, 94.6565,
108.2169

■ 61.4043, 61.2854,
35.3815

■ 89.7456, 97.2655,
108.6518

■ 57.4308, 55.9939,
25.8705

■ 53.9846, 51.1711,
18.3412

■ 51.0346, 46.7993,
12.6468

■ 48.5457, 42.8587,
8.6197

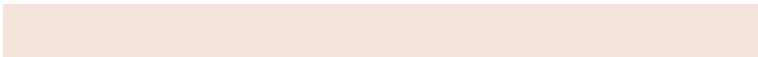
■ 46.4769, 39.3272,
6.0611

■ 44.7638, 36.1732,
4.6515

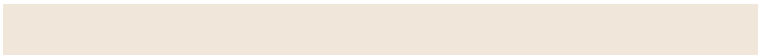
Harmonies

Analogous

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



78.5510, 80.1286, 79.1777



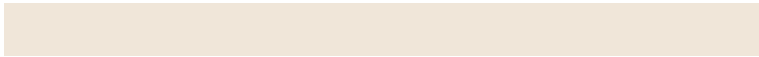
76.7564, 80.1286, 77.0665



74.8317, 80.1286, 77.5911

Triad

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



76.7564, 80.1286, 77.0665



72.7093, 80.1286, 91.1287



79.1060, 80.1286, 94.2011

Complementary

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



76.7564, 80.1286, 77.0665



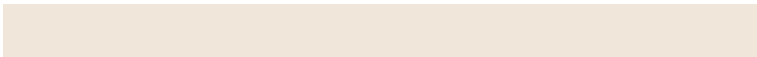
71.8125, 75.9800, 93.3197

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.



77.5036, 80.1286, 97.6712



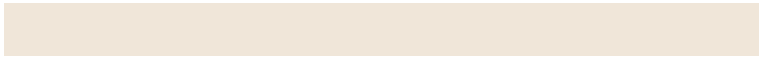
76.7564, 80.1286, 77.0665



73.8177, 80.1286, 95.8454

Square

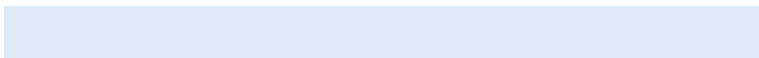
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.7564, 80.1286, 77.0665



72.5170, 80.1286, 85.5534



75.5664, 80.1286, 98.2855



79.9227, 80.1286, 88.9616

Rectangle

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



76.7564, 80.1286, 77.0665



73.7323, 80.1286, 79.3745



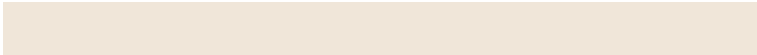
75.5664, 80.1286, 98.2855



78.6401, 80.1286, 95.6224

Sweetspot

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



76.7586, 80.1321, 77.0682



92.7911, 97.4141, 102.1913



74.6626, 73.7175, 83.2214



19.7343, 20.7047, 21.4989



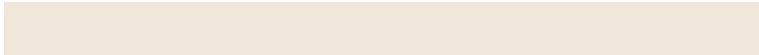
0.0000, 0.0000, 0.0000



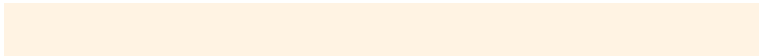
20.3446, 21.4041, 23.3091

Same Dimension

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



76.7586, 80.1321, 77.0682



87.0918, 90.7905, 85.5710



79.2315, 85.6556, 78.0040



16.5144, 17.2420, 16.6074



24.6025, 20.0030, 2.5643



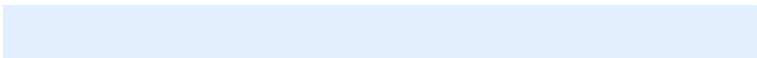
2.1455, 1.8616, 0.2462

Inverse Universe

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



71.8125, 75.9800, 93.3197



80.6204, 85.3581, 106.8343



69.5005, 70.8467, 92.4508



15.4623, 16.3588, 20.0642



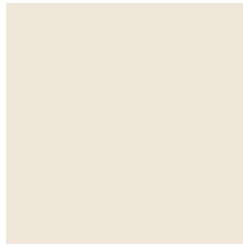
11.4633, 9.1509, 46.2900



1.0508, 0.9556, 3.8833

Previews

White Background



This preview shows how the XYZ color 76.7564, 80.1286, 77.0665 looks on a white background.

Color Contrast Check

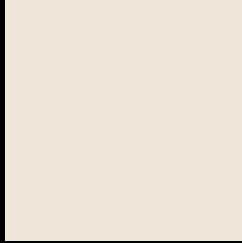
Large Text (above 18pt) WCAG AA × Fail

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 76.7564, 80.1286, 77.0665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

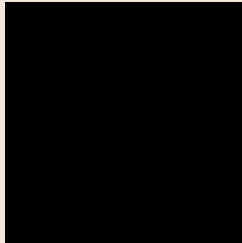
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.7564, 80.1286, 77.0665

Background



This preview shows how black text looks on a background with the XYZ color 76.7564, 80.1286, 77.0665.

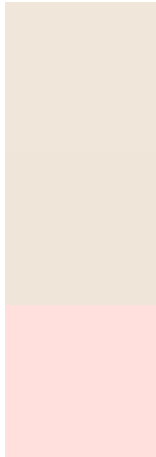


This preview shows how white text looks on a background with the XYZ color 76.7564, 80.1286,

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

76.7564, 80.1286, 77.0665

Protanopia

76.4178, 79.9541, 77.0507

Deuteranopia

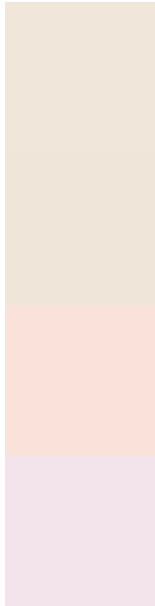
80.8139, 79.7386, 78.8419



Tritanopia

80.8337, 80.1575, 96.7995

Trichromacy



Original Color

76.7564, 80.1286, 77.0665

Protanomaly

76.4178, 79.9541, 77.0507

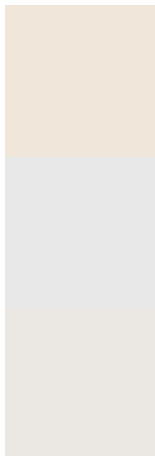
Deuteranomaly

79.4069, 79.8312, 78.2416

Tritanomaly

79.2825, 79.9334, 89.0919

Monochromacy



Original Color

76.7564, 80.1286, 77.0665

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.7020, 80.3600, 84.1415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7564, 80.1286, 77.0665 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, 230, 217) looks like.

```
.text, #text, p{  
    color:rgb(240, 230, 217)  
}
```

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, 230, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 230, 217) }
```

Border

The CSS property to change the border of an element to XYZ 76.7564, 80.1286, 77.0665 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, 230, 217) }
```


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

```
.border{ border-color:rgb(240, 230, 217) }
```

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

Here you see how a box with a 4 pixel rgb(240, 230, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 230, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 230, 217);  
box-shadow:4px 4px 4px 4px rgb(240, 230,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7564, 80.1286, 77.0665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 230, 217) }
```

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

```
.background{ background-color: rgb(240,  
230, 217) }
```

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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