

Converting Colors

XYZ(77.6541, 80.6059, 76.4329)

Have a look what the booklet for
XYZ(77.6541, 80.6059, 76.4329)
contains.

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Color

**XYZ(77.6536, 80.6062,
76.4315)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E6D8
RGB	243, 230, 216
RGB Percent	95%, 90%, 85%
CMY	0.0471, 0.0980, 0.1529
CMYK	0.00, 0.05, 0.11, 0.05
HSL	31°, 53%, 90%
HSV	31°, 11%, 95%
XYZ	77.6536, 80.6062, 76.4315
YIQ	232.2910, 12.2420, -1.5980

Conversions

Conversions Part 2

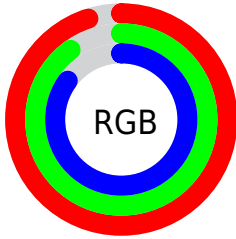
Format	Color
R_{YB}	241, 243, 216
Decimal	15984344
CIE _{Lab}	91.96, 2.10, 8.38
CIE _{LCh}	92, 8.643, 75.967
Yxy	80.6062, 0.3309, 0.3435
Android (android.graphics.Color)	4294174424 (0xFFFF3E6D8)
YUV	232.2910, -8.0315, 9.3918
Hunter-Lab	89.7810, -2.7279, 12.3724

Details

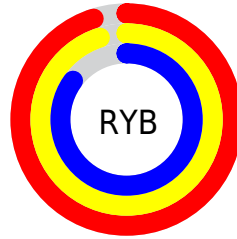
The XYZ color **77.6536, 80.6062, 76.4315** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.5156, 77.1070, 95.8559**, and the grayscale version is **76.9734, 80.9820, 88.1894**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2565, 43.7979, 39.9449** is the 20% darker color. If you saturate the color by 10%, you get **71.5958, 73.1512, 60.0421**, and if you desaturate by 10%, it is **84.3989, 88.6909, 95.3441**.

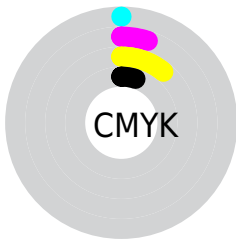
Distribution



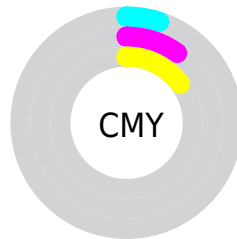
- Red (95%)
- Green (90%)
- Blue (85%)



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



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



- Cyan (5%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.6536, 80.6062, 76.4315 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 77.6536, 80.6062, 76.4315 by changing the saturation by 10% instead.

77.6536, 80.6062,
76.4315

77.6536, 80.6062,
76.4315

475.8474,
496.9734, 502.2096

58.0913, 60.2173,
56.2776

129.0296,
134.2177, 130.1023

42.1256, 43.5938,
40.0201

161.5741,
168.2091, 164.4564

29.3912, 30.3513,
27.2403

199.1765,
207.5034, 204.3809

19.5227, 20.1054,
17.5197

242.2025,
252.4851, 250.2945

12.1548, 12.4717,
10.4399

291.0171,
303.5386, 302.6156

6.9221, 7.0658,
5.5822

345.9860,

3.4594, 3.5033,

361.0482, 361.7628

2.5281

407.4743,
425.3983, 428.1546

■ 1.4011, 1.3998,
0.8550

■ 0.2570, 0.2166,
0.0000

■ 77.6536, 80.6062,
76.4315

■ 77.6536, 80.6062,
76.4315

■ 71.5958, 73.1512,
60.0421

■ 84.3989, 88.6909,
95.3441

■ 66.1942, 66.2988,
46.0623

■ 90.2634, 96.7767,
108.5301

■ 61.4249, 60.0348,
34.3773

■ 90.7724, 97.7948,
108.6998

■ 57.2598, 54.3409,
24.8612

■ 53.6681, 49.1973,
17.3754

■ 50.6159, 44.5827,
11.7653

■ 48.0648, 40.4736,
7.8535

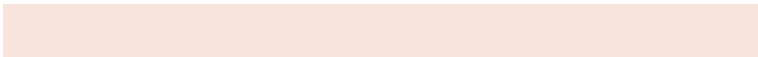
■ 45.9696, 36.8436,
5.4277

■ 44.4288, 33.9875,
4.2186

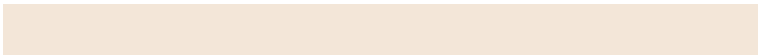
Harmonies

Analogous

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



79.6195, 80.6062, 79.2668



77.6536, 80.6062, 76.4315



75.4454, 80.6062, 76.5289

Triad

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



77.6536, 80.6062, 76.4315



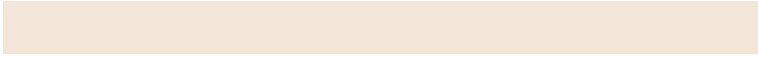
72.5823, 80.6062, 91.1728



79.7241, 80.6062, 96.5417

Complementary

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



77.6536, 80.6062, 76.4315



72.5156, 77.1070, 95.8559

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.



77.7941, 80.6062, 100.0535



77.6536, 80.6062, 76.4315



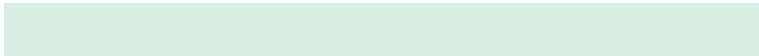
73.6846, 80.6062, 96.8530

Square

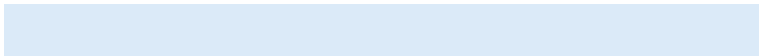
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.6536, 80.6062, 76.4315



72.5463, 80.6062, 84.8351



75.5833, 80.6062, 100.1701



80.8305, 80.6062, 90.7646

Rectangle

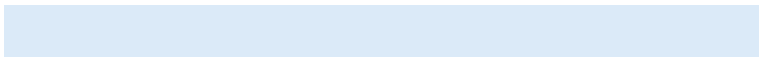
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.6536, 80.6062, 76.4315



74.1338, 80.6062, 78.2384



75.5833, 80.6062, 100.1701



79.1485, 80.6062, 98.0383

Sweetspot

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



77.6558, 80.6097, 76.4332



92.6792, 97.1902, 102.1540



75.6688, 73.8274, 84.4282



19.7041, 20.6443, 21.4888



0.0000, 0.0000, 0.0000



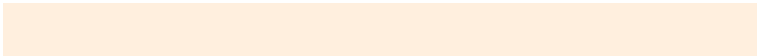
20.3446, 21.4041, 23.3091

Same Dimension

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



77.6558, 80.6097, 76.4332



85.2843, 88.2851, 81.5476



81.2531, 88.0345, 77.6768



17.2102, 17.9045, 17.3464



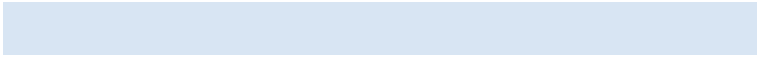
24.5198, 18.9252, 2.3606



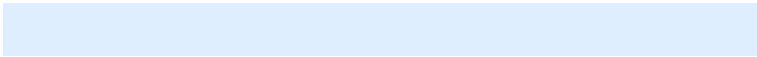
2.2580, 1.8692, 0.2418

Inverse Universe

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



72.5156, 77.1070, 95.8559



78.6462, 83.7617, 106.6303



69.1866, 70.2515, 94.7081



16.2393, 17.2429, 21.0149



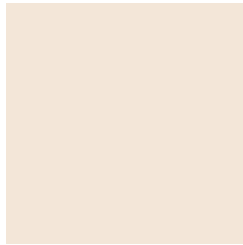
12.5010, 10.7958, 47.9629



1.2011, 1.1535, 4.2496

Previews

White Background



This preview shows how the XYZ color 77.6536, 80.6062, 76.4315 looks on a white background.

Color Contrast Check

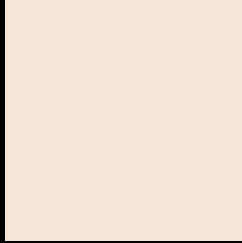
Large Text (above 18pt) WCAG AA × Fail

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 77.6536, 80.6062, 76.4315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

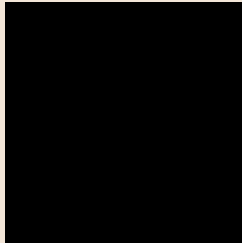
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

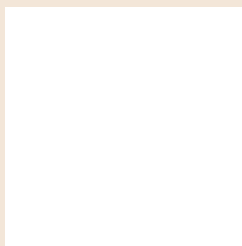
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.6536, 80.6062, 76.4315

Background



This preview shows how black text looks on a background with the XYZ color 77.6536, 80.6062, 76.4315.



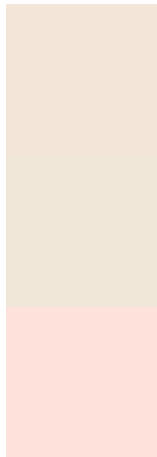
This preview shows how white text looks on a background with the XYZ color 77.6536, 80.6062,

76.4315.

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

77.6536, 80.6062, 76.4315

Protanopia

77.0355, 80.6868, 77.1596

Deuteranopia

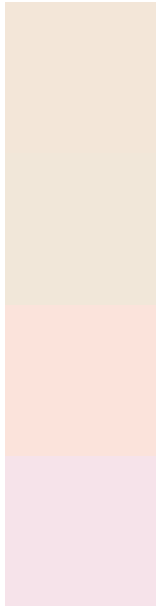
81.0835, 80.2777, 78.9317



Tritanopia

81.8833, 80.6985, 96.8486

Trichromacy



Original Color

77.6536, 80.6062, 76.4315

Protanomaly

77.3759, 80.8624, 77.1755

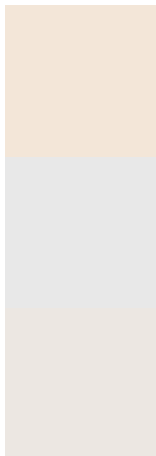
Deuteranomaly

80.0389, 80.5619, 78.3493

Tritanomaly

80.3264, 80.4715, 89.1408

Monochromacy



Original Color

77.6536, 80.6062, 76.4315

Achromatopsia

76.7008, 80.6952, 87.8771

Achromatomaly

76.8955, 80.4757, 83.4320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.6536, 80.6062, 76.4315 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, 230, 216) looks like.

```
.text, #text, p{  
    color:rgb(243, 230, 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, 230, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 230, 216) }
```

Border

The CSS property to change the border of an element to XYZ 77.6536, 80.6062, 76.4315 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, 230, 216) }
```


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

```
.border{ border-color:rgb(243, 230, 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, 230, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 230, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 230, 216);  
box-shadow:4px 4px 4px 4px rgb(243, 230,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 77.6536, 80.6062, 76.4315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 230, 216) }
```

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

```
.background{ background-color: rgb(243,  
230, 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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