

Converting Colors

XYZ(77.1882, 79.7554, 76.4698)

Have a look what the booklet for
XYZ(77.1882, 79.7554, 76.4698)
contains.

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Color

**XYZ(77.3761, 80.0512,
76.3390)**

Conversions

Conversions Part 1

Format	Color
Hex	F3E5D8
RGB	243, 229, 216
RGB Percent	95%, 90%, 85%
CMY	0.0471, 0.1019, 0.1529
CMYK	0.00, 0.06, 0.11, 0.05
HSL	29°, 53%, 90%
HSV	29°, 11%, 95%
XYZ	77.3761, 80.0512, 76.3390
YIQ	231.7040, 12.5170, -1.0750

Conversions

Conversions Part 2

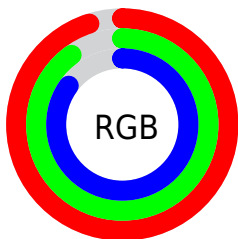
Format	Color
R_{YB}	243, 241, 216
Decimal	15984088
CIE _{Lab}	91.71, 2.61, 8.03
CIE _{LCh}	92, 8.442, 71.999
Yxy	80.0512, 0.3310, 0.3424
Android (android.graphics.Color)	4294174168 (0xFFFF3E5D8)
YUV	231.7040, -7.7421, 9.9066
Hunter-Lab	89.4713, -2.2055, 12.0423

Details

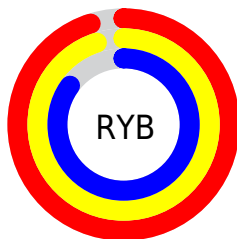
The XYZ color **77.3761, 80.0512, 76.3390** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **72.7930, 77.6620, 95.9484**, and the grayscale version is **76.5318, 80.5174, 87.6835**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0626, 43.4101, 39.8803** is the 20% darker color. If you saturate the color by 10%, you get **71.1049, 72.1696, 59.8785**, and if you desaturate by 10%, it is **84.3692, 88.6315, 95.3342**.

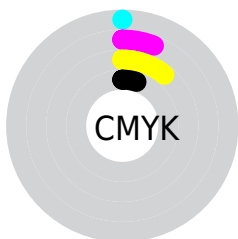
Distribution



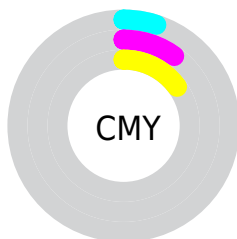
- Red (95%)
- Green (90%)
- Blue (85%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (11%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.3761, 80.0512, 76.3390 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 77.3761, 80.0512, 76.3390 by changing the saturation by 10% instead.

77.3761, 80.0512,
76.3390

77.3761, 80.0512,
76.3390

474.9177,
495.1054, 501.8851

57.8626, 59.7605,
56.2022

128.6403,
133.4377, 129.9705

41.9410, 43.2256,
39.9600

161.1217,
167.3023, 164.3022

29.2460, 30.0622,
27.1938

198.6564,
206.4603, 204.2027

19.4122, 19.8858,
17.4851

241.6098,
251.2961, 250.0905

12.0743, 12.3120,
10.4154

290.3473,
302.1941, 302.3840

6.8669, 6.9566,
5.5660

345.2342,

3.4246, 3.4350,

359.5388, 361.5020

2.5186

406.6359,
423.7144, 427.8628

■ 1.3821, 1.3628,
0.8500

■ 0.2434, 0.1891,
0.0000

■ 77.3761, 80.0512,
76.3390

■ 77.3761, 80.0512,
76.3390

■ 71.1049, 72.1696,
59.8785

■ 84.3692, 88.6315,
95.3342

■ 65.5234, 64.9573,
45.8387

■ 90.5170, 97.2840,
108.6147

■ 60.6066, 58.3981,
34.1045

■ 90.7724, 97.7948,
108.6998

■ 56.3249, 52.4711,
24.5496

■ 52.6465, 47.1542,
17.0349

■ 49.5362, 42.4234,
11.4054

■ 46.9542, 38.2525,
7.4833

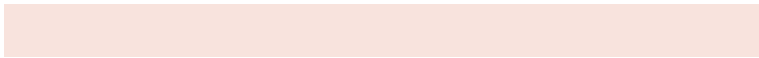
■ 44.8539, 34.6121,
5.0558

■ 43.3287, 31.7874,
3.8519

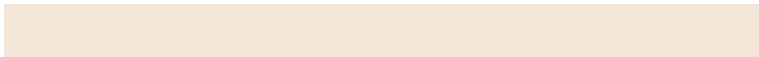
Harmonies

Analogous

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



79.2126, 80.0512, 79.4480



77.3761, 80.0512, 76.3390



75.2266, 80.0512, 76.0445

Triad

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



77.3761, 80.0512, 76.3390



72.0983, 80.0512, 89.6568



78.8974, 80.0512, 96.2975

Complementary

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



77.3761, 80.0512, 76.3390



72.7930, 77.6620, 95.9484

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.



76.9524, 80.0512, 99.3137



77.3761, 80.0512, 76.3390



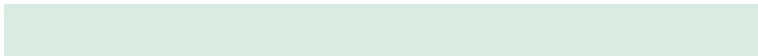
73.0433, 80.0512, 95.3602

Square

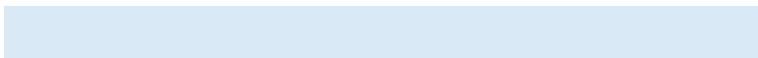
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3761, 80.0512, 76.3390



72.2068, 80.0512, 83.5402



74.8108, 80.0512, 98.9628



80.1022, 80.0512, 90.8873

Rectangle

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



77.3761, 80.0512, 76.3390



73.9080, 80.0512, 77.4652



74.8108, 80.0512, 98.9628



78.3069, 80.0512, 97.6363

Sweetspot

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



77.3783, 80.0547, 76.3407



92.5906, 97.0131, 102.1245



75.8581, 73.9032, 85.4253



19.6802, 20.5965, 21.4808



0.0000, 0.0000, 0.0000



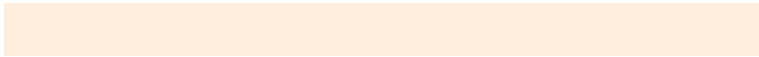
20.3446, 21.4041, 23.3091

Same Dimension

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



77.3783, 80.0547, 76.3407



84.9260, 87.5684, 81.4282



81.1395, 87.5771, 77.5944



17.1578, 17.7997, 17.3289



23.9137, 17.7130, 2.1586



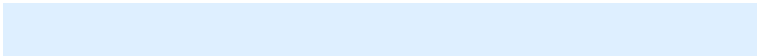
2.2041, 1.7615, 0.2238

Inverse Universe

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



72.7930, 77.6620, 95.9484



79.0045, 84.4783, 106.7497



69.2847, 70.6453, 94.7789



16.2917, 17.3478, 21.0324



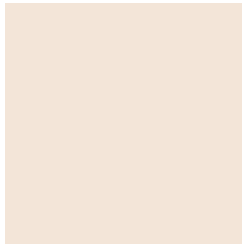
13.1066, 12.0070, 48.1648



1.2549, 1.2611, 4.2675

Previews

White Background



This preview shows how the XYZ color 77.3761, 80.0512, 76.3390 looks on a white background.

Color Contrast Check

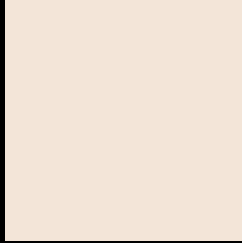
Large Text (above 18pt) WCAG AA × Fail

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 77.3761, 80.0512, 76.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

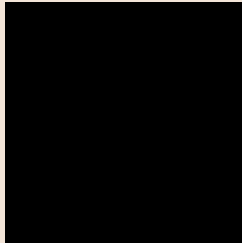
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.3761, 80.0512, 76.3390

Background



This preview shows how black text looks on a background with the XYZ color 77.3761, 80.0512, 76.3390.

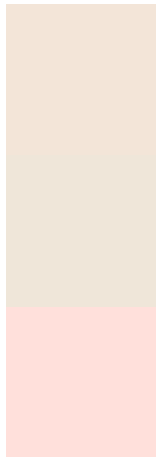


This preview shows how white text looks on a background with the XYZ color 77.3761, 80.0512,

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

77.3761, 80.0512, 76.3390

Protanopia

76.4178, 79.9541, 77.0507

Deuteranopia

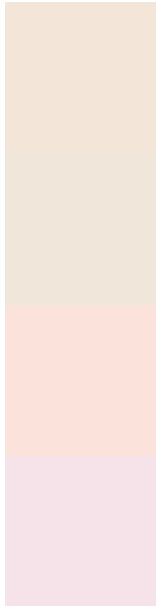
80.6818, 79.6858, 78.1463



Tritanopia

81.4606, 80.0956, 95.9606

Trichromacy



Original Color

77.3761, 80.0512, 76.3390

Protanomaly

76.7564, 80.1286, 77.0665

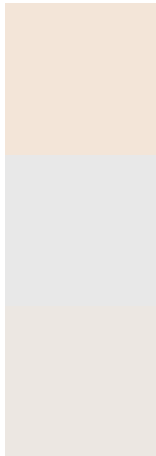
Deuteranomaly

79.6349, 79.9639, 77.5670

Tritanomaly

79.9104, 79.8687, 88.2953

Monochromacy



Original Color

77.3761, 80.0512, 76.3390

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 77.3761, 80.0512, 76.3390 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, 229, 216) looks like.

```
.text, #text, p{  
    color:rgb(243, 229, 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, 229, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 229, 216) }
```

Border

The CSS property to change the border of an element to XYZ 77.3761, 80.0512, 76.3390 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, 229, 216) }
```


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

```
.border{ border-color:rgb(243, 229, 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, 229, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 229, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 229, 216);  
box-shadow:4px 4px 4px 4px rgb(243, 229,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3761, 80.0512, 76.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 229, 216) }
```

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

```
.background{ background-color: rgb(243,  
229, 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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