

Converting Colors

XYZ(82.4142, 84.9492, 76.7581)

Have a look what the booklet for
XYZ(82.4142, 84.9492, 76.7581)
contains.

XYZ(82.6110, 85.2572, 77.0680)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(82.6110, 85.2572,
77.0680)**

Conversions

Conversions Part 1

Format	Color
Hex	FDEBD8
RGB	253, 235, 216
RGB Percent	99%, 92%, 85%
CMY	0.0078, 0.0784, 0.1529
CMYK	0.00, 0.07, 0.15, 0.01
HSL	31°, 90%, 92%
HSV	31°, 15%, 99%
XYZ	82.6110, 85.2572, 77.0680
YIQ	238.2160, 16.8270, -2.0930

Conversions

Conversions Part 2

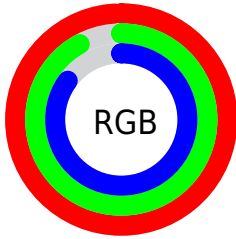
Format	Color
R _Y B	251, 253, 216
Decimal	16640984
CIE Lab	93.99, 3.06, 11.41
CIE LCh	94, 11.808, 75.006
Yxy	85.2572, 0.3373, 0.3481
Android (android.graphics.Color)	4294831064 (0xFFFDEBD8)
YUV	238.2160, -10.9525, 12.9656
Hunter-Lab	92.3348, -1.8839, 15.1475

Details

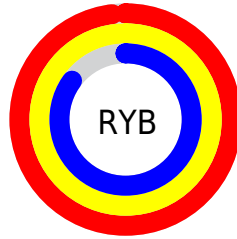
The XYZ color **82.6110, 85.2572, 77.0680** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.4710, 80.5347, 104.4961**, and the grayscale version is **81.5103, 85.7552, 93.3874**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3181, 46.5492, 40.3146** is the 20% darker color. If you saturate the color by 10%, you get **76.1874, 77.2472, 60.0130**, and if you desaturate by 10%, it is **89.7866, 93.9636, 96.8603**.

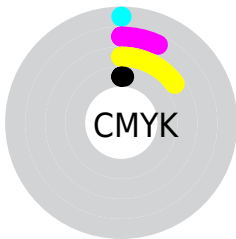
Distribution



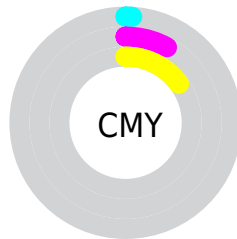
- Red (99%)
- Green (92%)
- Blue (85%)



- Red (98%)
- Yellow (99%)
- Blue (85%)



- Cyan (0%)
- Magenta (7%)
- Yellow (15%)
- Black (1%)





- Cyan (1%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 82.6110, 85.2572, 77.0680 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 82.6110, 85.2572, 77.0680 by changing the saturation by 10% instead.

 82.6110, 85.2572,
77.0680

 82.6110, 85.2572,
77.0680


492.2927,
512.4787, 504.4397

 62.1851, 64.0539,
56.7968


135.9619,
140.7325, 131.0094

 45.4385, 46.6943,
40.4338


169.6176,
175.7732, 165.5166

 32.0057, 32.7941,
27.5606

208.4139,
216.1953, 205.6062

 21.5214, 21.9688,
17.7586

252.7162,
262.3831, 251.6968

 13.6203, 13.8339,
10.6091

302.8899,
314.7209, 304.2069

 7.9370, 8.0053,
5.6938

359.3003,

 4.1061, 4.0983,

373.5932, 363.5551

2.5940

422.3128,
439.3843, 430.1598

■ 1.7623, 1.7287,
0.8894

■ 0.4948, 0.4421,
0.0000

■ 82.6110, 85.2572,
77.0680

■ 82.6110, 85.2572,
77.0680

■ 76.1874, 77.2472,
60.0130

■ 89.7866, 93.9636,
96.8603

■ 70.4811, 69.9034,
45.5672

■ 94.3183, 99.6228,
108.8658

■ 65.4645, 63.2095,
33.6005

■ 61.1055, 57.1442,
23.9692

■ 57.3689, 51.6850,
16.5145

■ 54.2154, 46.8071,
11.0578

■ 51.6002, 42.4833,
7.3914

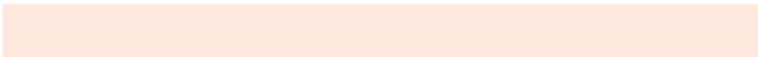
■ 49.4693, 38.6822,
5.2605

■ 48.4847, 36.8356,
4.5546

Harmonies

Analogous

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



85.3911, 85.2572, 81.1000



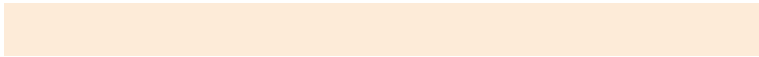
82.6110, 85.2572, 77.0680



79.4768, 85.2572, 77.0688

Triad

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



82.6110, 85.2572, 77.0680



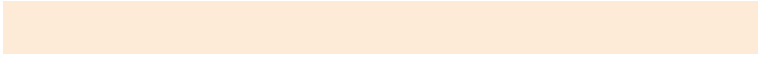
75.3257, 85.2572, 97.3931



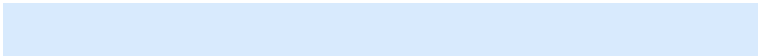
85.3920, 85.2572, 105.6384

Complementary

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



82.6110, 85.2572, 77.0680



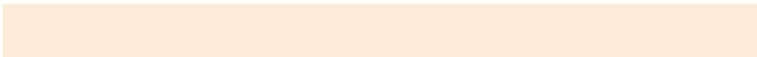
75.4710, 80.5347, 104.4961

Split Complementary

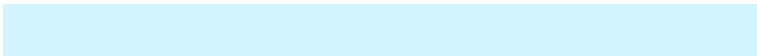
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.6122, 85.2572, 110.6070



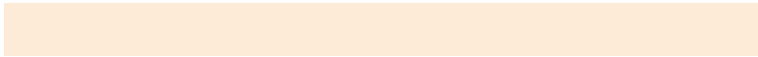
82.6110, 85.2572, 77.0680



76.8285, 85.2572, 105.6411

Square

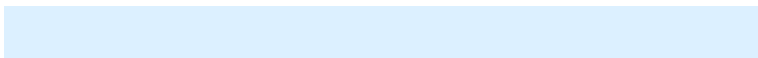
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.6110, 85.2572, 77.0680



75.3254, 85.2572, 88.4162



79.4780, 85.2572, 110.6080



87.0248, 85.2572, 97.3895

Rectangle

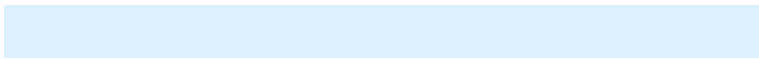
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.6110, 85.2572, 77.0680



77.6105, 85.2572, 79.3394



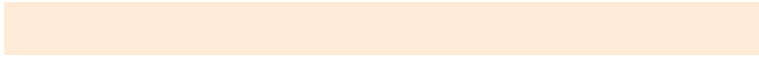
79.4780, 85.2572, 110.6080



84.5576, 85.2572, 107.7705

Sweetspot

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



82.6133, 85.2610, 77.0698



91.8887, 96.2359, 99.9585



79.9881, 75.9648, 88.6669



19.5437, 20.4497, 21.0465



0.0000, 0.0000, 0.0000



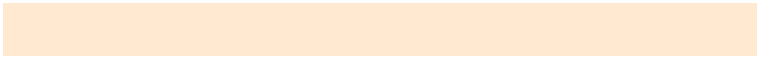
20.3446, 21.4041, 23.3091

Same Dimension

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



82.6133, 85.2610, 77.0698



81.8084, 83.9632, 72.2813



88.0287, 96.0918, 78.8749



18.7810, 19.5301, 18.9242



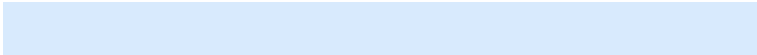
25.9385, 19.8882, 2.4717



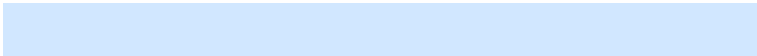
2.6349, 2.1552, 0.2771

Inverse Universe

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



75.4710, 80.5347, 104.4961



73.0674, 78.1791, 105.8468



70.6055, 70.8038, 102.8743



17.7323, 18.8361, 22.9511



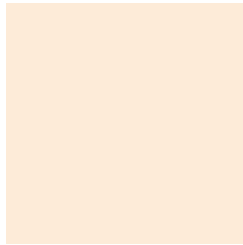
13.3472, 11.6039, 50.9709



1.4084, 1.3476, 4.9991

Previews

White Background



This preview shows how the XYZ color 82.6110, 85.2572, 77.0680 looks on a white background.

Color Contrast Check

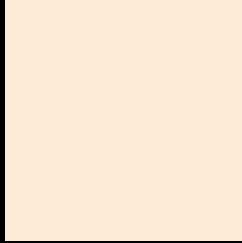
Large Text (above 18pt) WCAG AA × Fail

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 82.6110, 85.2572, 77.0680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

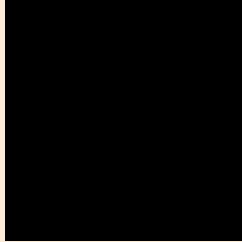
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.6110, 85.2572, 77.0680

Background



This preview shows how black text looks on a background with the XYZ color 82.6110, 85.2572, 77.0680.



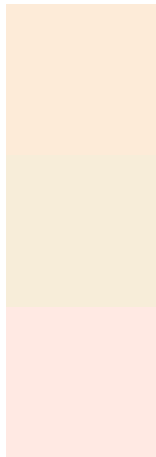
This preview shows how white text looks on a background with the XYZ color 82.6110, 85.2572,

77.0680.

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

82.6110, 85.2572, 77.0680

Protanopia

81.1663, 85.3523, 77.8424

Deuteranopia

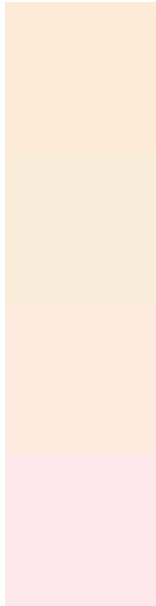
84.2440, 85.0839, 84.6557



Tritanopia

86.6044, 85.1272, 99.8623

Trichromacy



Original Color

82.6110, 85.2572, 77.0680

Protanomaly

81.5868, 85.1404, 77.7793

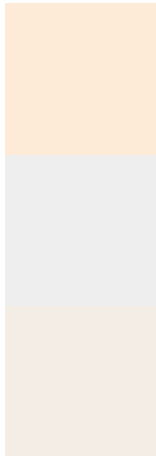
Deuteranomaly

83.6152, 85.2442, 81.8588

Tritanomaly

84.8700, 84.8402, 91.2595

Monochromacy



Original Color

82.6110, 85.2572, 77.0680

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.5293, 85.3362, 87.0374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6110, 85.2572, 77.0680 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(253, 235, 216) looks like.

```
.text, #text, p{  
    color:rgb(253, 235, 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(253, 235, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 235, 216) }
```

Border

The CSS property to change the border of an element to XYZ 82.6110, 85.2572, 77.0680 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(253, 235, 216) }
```


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

```
.border{ border-color:rgb(253, 235, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 235, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 235, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 235, 216);  
box-shadow:4px 4px 4px 4px rgb(253, 235,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 82.6110, 85.2572, 77.0680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 235, 216) }
```

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

```
.background{ background-color: rgb(253,  
235, 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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