

Converting Colors

XYZ(106.5558, 100.0000,
73.4050)

Have a look what the booklet for
XYZ(106.5558, 100.0000, 73.4050)
contains.

XYZ(83.7853, 88.1342, 72.2702)	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(83.7853, 88.1342,
72.2702)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF0D0
RGB	255, 240, 208
RGB Percent	100%, 94%, 82%
CMY	0.0000, 0.0588, 0.1843
CMYK	0.00, 0.06, 0.18, 0.00
HSL	41°, 100%, 91%
HSV	41°, 18%, 100%
XYZ	83.7853, 88.1342, 72.2702
YIQ	240.8370, 19.2120, -6.7720

Conversions

Conversions Part 2

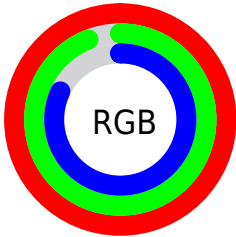
Format	Color
RYB	230, 255, 208
Decimal	16773328
CIELab	95.22, 0.03, 17.29
CIELCh	95, 17.294, 89.896
Yxy	88.1342, 0.3431, 0.3609
Android (android.graphics.Color)	4294963408 (0xFFFFF0D0)
YUV	240.8370, -16.1886, 12.4210
Hunter-Lab	93.8798, -4.9831, 20.0735

Details

The XYZ color **83.7853, 88.1342, 72.2702** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **70.4495, 73.4033, 105.0629**, and the grayscale version is **83.5954, 87.9489, 95.7763**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.2619, 48.6198, 37.5182** is the 20% darker color. If you saturate the color by 10%, you get **78.5557, 82.2987, 56.2734**, and if you desaturate by 10%, it is **89.6307, 94.3937, 90.9631**.

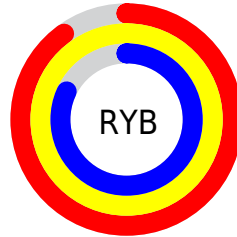
Distribution



Red (100%)

Green (94%)

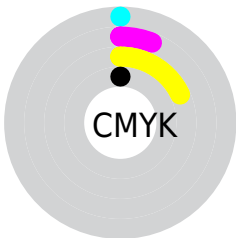
Blue (82%)



Red (90%)

Yellow (100%)

Blue (82%)

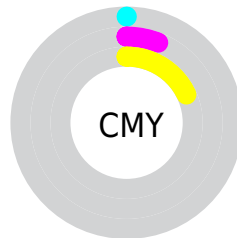


Cyan (0%)

Magenta (6%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 83.7853, 88.1342, 72.2702 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 83.7853, 88.1342, 72.2702 by changing the saturation by 10% instead.


 83.7853, 88.1342,
72.2702

 83.7853, 88.1342,
72.2702


496.1444,
521.9426, 487.4843

 63.1573, 66.4342,
52.8912

137.5976,
144.7440, 124.1519

 46.2276, 48.6250,
37.3288

171.5126,
180.4226, 157.4917

 32.6308, 34.3221,
25.1644

210.5874,
221.5295, 196.3222

 22.0017, 23.1411,
15.9795

255.1872,
268.4491, 241.0620

 13.9747, 14.6978,
9.3554

305.6775,
321.5658, 292.1296

 8.1847, 8.6075,
4.8738

362.4235,

 4.2661, 4.4861,

381.2640, 349.9434

2.1159

425.7907,
447.9282, 414.9222

■ 1.8538, 1.9490,
0.6252

■ 0.5498, 0.5776,
0.0000

■ 83.7853, 88.1342,
72.2702

■ 83.7853, 88.1342,
72.2702

■ 78.5557, 82.2987,
56.2734

■ 89.6307, 94.3937,
90.9631

■ 73.9106, 76.8636,
42.8398

95.0500, 100.0000,
108.9000

■ 69.8244, 71.8195,
31.8339

■ 66.2673, 67.1519,
23.1052

■ 63.2059, 62.8453,
16.4861

■ 60.6028, 58.8823,
11.7860

■ 58.4137, 55.2425,
8.7794

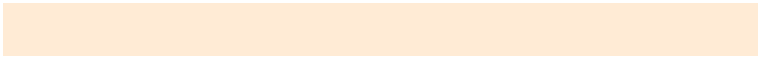
■ 56.5770, 51.8990,
7.1505

■ 56.3079, 51.3958,
6.9526

Harmonies

Analogous

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



88.3989, 88.1342, 75.2079



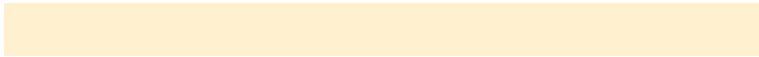
83.7853, 88.1342, 72.2702



79.3309, 88.1342, 75.1681

Triad

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



83.7853, 88.1342, 72.2702



76.1526, 88.1342, 109.4951



91.8594, 88.1342, 109.5839

Complementary

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



83.7853, 88.1342, 72.2702



70.4495, 73.4033, 105.0629

Split Complementary

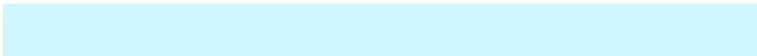
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.3694, 88.1342, 120.2781



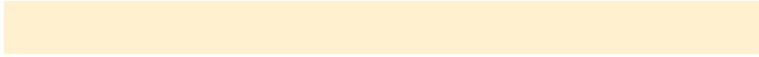
83.7853, 88.1342, 72.2702



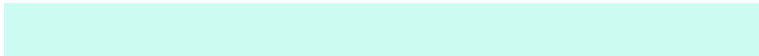
79.3035, 88.1342, 120.2235

Square

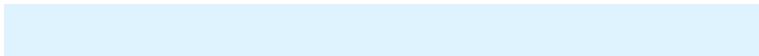
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.7853, 88.1342, 72.2702



75.0261, 88.1342, 95.9162



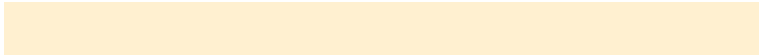
83.7525, 88.1342, 124.3395



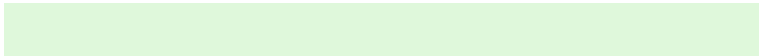
93.1659, 88.1342, 96.0101

Rectangle

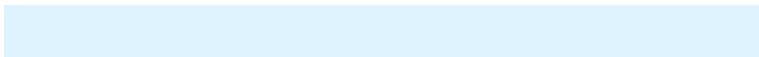
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.7853, 88.1342, 72.2702



77.0241, 88.1342, 80.1906



83.7525, 88.1342, 124.3395



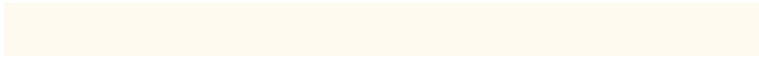
90.8964, 88.1342, 113.6791

Sweetspot

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



83.7873, 88.1380, 72.2720



91.1462, 95.9785, 95.9264



77.2059, 71.7365, 80.0625



19.4211, 20.4517, 20.2432



0.0000, 0.0000, 0.0000



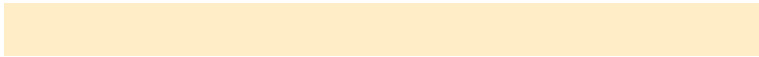
20.3446, 21.4041, 23.3091

Same Dimension

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



83.7873, 88.1380, 72.2720



81.8510, 86.0065, 66.2589



85.5621, 95.8787, 73.6726



19.0439, 20.0560, 19.0118



29.5627, 27.1367, 3.6798



2.9771, 2.8395, 0.3912

Inverse Universe

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



70.4495, 73.4033, 105.0629



66.3374, 68.8699, 104.4046



68.8765, 66.9065, 103.8918



17.4760, 18.3236, 22.8657



11.1010, 7.1117, 50.2222



1.1745, 0.8797, 4.9212

Previews

White Background



This preview shows how the XYZ color 83.7853, 88.1342, 72.2702 looks on a white background.

Color Contrast Check

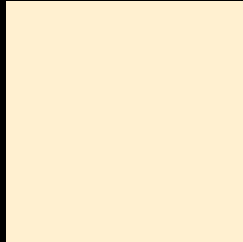
Large Text (above 18pt) WCAG AA × Fail

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 83.7853, 88.1342, 72.2702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

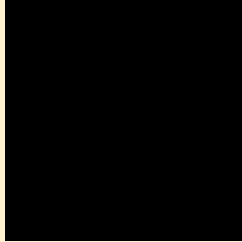
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.7853, 88.1342, 72.2702

Background



This preview shows how black text looks on a background with the XYZ color 83.7853, 88.1342, 72.2702.



This preview shows how white text looks on a background with the XYZ color 83.7853, 88.1342,

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

83.7853, 88.1342, 72.2702

Protanopia

83.3485, 88.3473, 72.3343

Deuteranopia

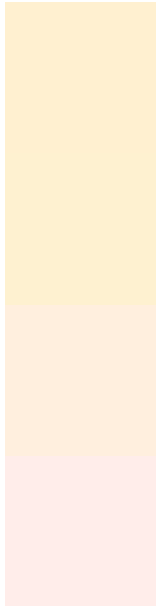
86.0975, 88.1222, 87.3344



Tritanopia

88.3343, 88.0905, 101.9700

Trichromacy



Original Color

83.7853, 88.1342, 72.2702

Protanomaly

83.7135, 88.5355, 72.3514

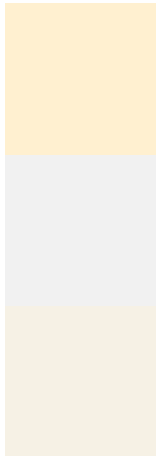
Deuteranomaly

85.2913, 88.2669, 81.6491

Tritanomaly

86.3755, 87.7689, 90.2305

Monochromacy



Original Color

83.7853, 88.1342, 72.2702

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.6042, 88.1606, 86.7390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.7853, 88.1342, 72.2702 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(255, 240, 208)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 208)  
}
```

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(255, 240, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 208) }
```

Border

The CSS property to change the border of an element to XYZ 83.7853, 88.1342, 72.2702 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(255, 240, 208) }
```


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

```
.border{ border-color:rgb(255, 240, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 240, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 208);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 83.7853, 88.1342, 72.2702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 208) }
```

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

```
.background{ background-color: rgb(255,  
240, 208) }
```

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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