

Converting Colors

XYZ(77.5911, 83.2073, 52.5286)

Have a look what the booklet for
XYZ(77.5911, 83.2073, 52.5286)
contains.

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Color

**XYZ(77.5911, 83.2073,
52.5286)**

Conversions

Conversions Part 1

Format	Color
Hex	FCEBAF
RGB	252, 235, 175
RGB Percent	99%, 92%, 69%
CMY	0.0118, 0.0784, 0.3137
CMYK	0.00, 0.07, 0.31, 0.01
HSL	47°, 93%, 84%
HSV	47°, 31%, 99%
XYZ	77.5911, 83.2073, 52.5286
YIQ	233.2430, 29.3920, -15.0560

Conversions

Conversions Part 2

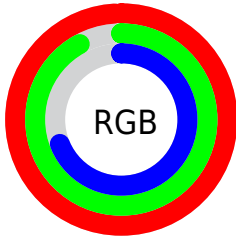
Format	Color
RYB	197, 252, 175
Decimal	16575407
CIELab	93.11, -2.98, 31.25
CIELCh	93, 31.396, 95.450
Yxy	83.2073, 0.3637, 0.3900
Android (android.graphics.Color)	4294765487 (0xFFFCCEBAF)
YUV	233.2430, -28.7138, 16.4499
Hunter-Lab	91.2180, -7.7974, 29.7100

Details

The XYZ color **77.5911, 83.2073, 52.5286** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **54.0992, 53.8400, 99.6364**, and the grayscale version is **77.8311, 81.8843, 89.1720**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **42.1386, 45.2474, 24.9250** is the 20% darker color. If you saturate the color by 10%, you get **73.7766, 79.1762, 40.1648**, and if you desaturate by 10%, it is **81.9216, 87.5303, 67.3449**.

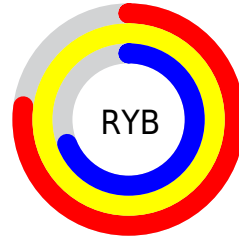
Distribution



Red (99%)

Green (92%)

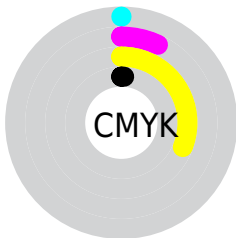
Blue (69%)



Red (77%)

Yellow (99%)

Blue (69%)

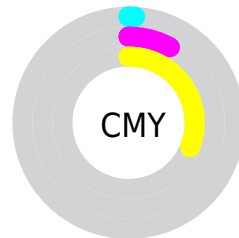


Cyan (0%)

Magenta (7%)

Yellow (31%)

Black (1%)



Cyan (1%)


Magenta (8%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.5911, 83.2073, 52.5286 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 77.5911, 83.2073, 52.5286 by changing the saturation by 10% instead.


 77.5911, 83.2073,
52.5286

 77.5911, 83.2073,
52.5286


475.6381,
505.6771, 413.4888

 58.0398, 62.3612,
37.0414


 128.9420,
137.8658, 95.3449

 42.0840, 45.3246,
24.9435


161.4722,
172.4469, 123.5110

 29.3585, 31.7132,
15.8164


199.0594,
212.3752, 156.7406

 19.4978, 21.1425,
9.2414

242.0690,
258.0349, 195.4522

 12.1367, 13.2282,
4.8000

290.8663,
309.8106, 240.0642

 6.9097, 7.5859,
2.0737

345.8167,

 3.4515, 3.8311,

368.0866, 290.9953

0.6001

407.2855,
433.2473, 348.6640

■ 1.3968, 1.5796,
0.0000

■ 0.2539, 0.3438,
0.0000

■ 77.5911, 83.2073,
52.5286

■ 77.5911, 83.2073,
52.5286

■ 73.7766, 79.1762,
40.1648

■ 81.9216, 87.5303,
67.3449

■ 70.4455, 75.4144,
30.1126

■ 86.7858, 92.1443,
84.7338

■ 67.5712, 71.9137,
22.2248

■ 92.2085, 97.0628,
104.8135

■ 65.1216, 68.6602,
16.3348

■ 93.9550, 99.4355,
108.8488

■ 63.0602, 65.6388,
12.2519

■ 61.3430, 62.8311,
9.7479

■ 59.9714, 60.3483,
8.4876

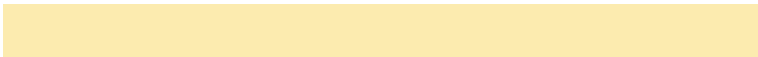
Harmonies

Analogous

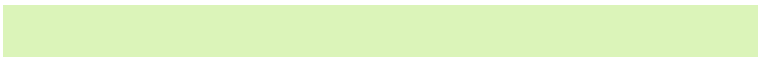
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.8511, 83.2073, 55.2841



77.5911, 83.2073, 52.5286



70.2505, 83.2073, 58.4421

Triad

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



77.5911, 83.2073, 52.5286



66.8722, 83.2073, 119.5375



94.3859, 83.2073, 110.7828

Complementary

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



77.5911, 83.2073, 52.5286



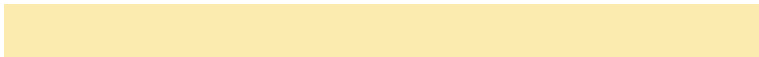
54.0992, 53.8400, 99.6364

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.



88.6330, 83.2073, 132.8031



77.5911, 83.2073, 52.5286



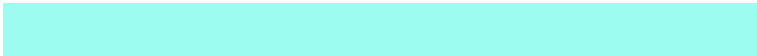
72.6860, 83.2073, 138.4410

Square

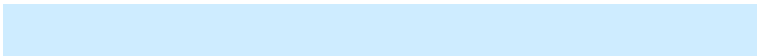
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.5911, 83.2073, 52.5286



64.3432, 83.2073, 94.9759



80.6001, 83.2073, 143.6737



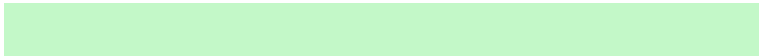
95.9247, 83.2073, 86.3579

Rectangle

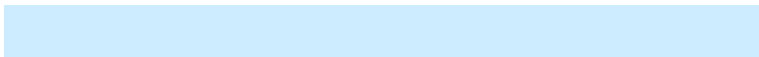
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.5911, 83.2073, 52.5286



66.7445, 83.2073, 67.2310



80.6001, 83.2073, 143.6737



92.8622, 83.2073, 118.8362

Sweetspot

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



77.5932, 83.2111, 52.5303



89.9780, 95.4198, 90.0567



65.0975, 55.2051, 57.6583



19.0930, 20.2704, 18.6696



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

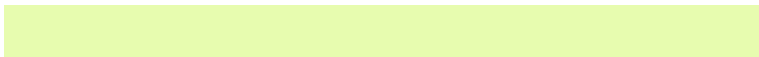
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.5932, 83.2111, 52.5303



77.1153, 82.7671, 45.4679



75.6546, 89.7830, 53.9010



18.3834, 19.5026, 18.2579



31.3539, 31.6645, 4.4593



2.9812, 3.0873, 0.4388

Inverse Universe

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



54.0992, 53.8400, 99.6364



49.2978, 48.0013, 101.2747



55.5453, 49.3626, 98.6960



16.5936, 17.2641, 21.8430



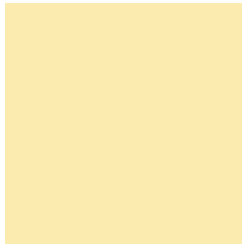
9.9683, 5.2921, 48.4696



0.9982, 0.6401, 4.5141

Previews

White Background



This preview shows how the XYZ color 77.5911, 83.2073, 52.5286 looks on a white background.

Color Contrast Check

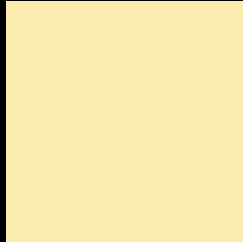
Large Text (above 18pt) WCAG AA × Fail

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 77.5911, 83.2073, 52.5286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

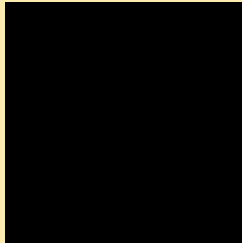
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.5911, 83.2073, 52.5286

Background



This preview shows how black text looks on a background with the XYZ color 77.5911, 83.2073, 52.5286.



This preview shows how white text looks on a background with the XYZ color 77.5911, 83.2073,

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

77.5911, 83.2073, 52.5286

Protanopia

77.5911, 83.2073, 52.5286

Deuteranopia

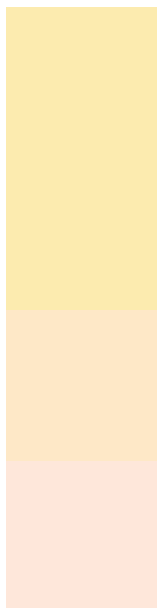
81.6996, 83.1653, 74.0338



Tritanopia

85.0104, 83.1576, 95.5749

Trichromacy



Original Color

77.5911, 83.2073, 52.5286

Protanomaly

77.5911, 83.2073, 52.5286

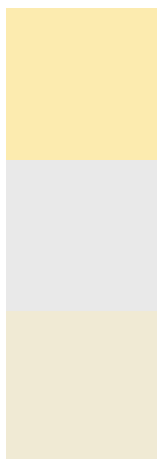
Deuteranomaly

80.0385, 82.9076, 65.8171

Tritanomaly

82.1039, 83.2846, 78.0779

Monochromacy



Original Color

77.5911, 83.2073, 52.5286

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

77.2417, 82.1244, 74.0679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5911, 83.2073, 52.5286 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(252, 235, 175)` looks like.

```
.text, #text, p{  
    color:rgb(252, 235, 175)  
}
```

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(252, 235, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 235, 175) }
```

Border

The CSS property to change the border of an element to XYZ 77.5911, 83.2073, 52.5286 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(252, 235, 175) }
```


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

```
.border{ border-color:rgb(252, 235, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 235, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 235, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 235, 175);  
box-shadow:4px 4px 4px 4px rgb(252, 235,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5911, 83.2073, 52.5286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 235, 175) }
```

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

```
.background{ background-color: rgb(252,  
235, 175) }
```

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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