

Converting Colors

XYZ(78.1273, 85.1916, 53.4002)

Have a look what the booklet for
XYZ(78.1273, 85.1916, 53.4002)
contains.

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Color

**XYZ(78.1273, 85.1916,
53.4002)**

Conversions

Conversions Part 1

Format	Color
Hex	FAEFB0
RGB	250, 239, 176
RGB Percent	98%, 94%, 69%
CMY	0.0196, 0.0627, 0.3098
CMYK	0.00, 0.04, 0.30, 0.02
HSL	51°, 88%, 84%
HSV	51°, 30%, 98%
XYZ	78.1273, 85.1916, 53.4002
YIQ	235.1070, 26.7790, -17.2610

Conversions

Conversions Part 2

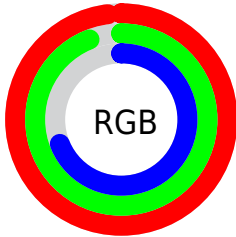
Format	Color
RYB	189, 250, 176
Decimal	16445360
CIELab	93.97, -5.62, 31.87
CIELCh	94, 32.366, 99.994
Yxy	85.1916, 0.3605, 0.3931
Android (android.graphics.Color)	4294635440 (0xFFFAEFB0)
YUV	235.1070, -29.1398, 13.0612
Hunter-Lab	92.2993, -10.4314, 30.3070

Details

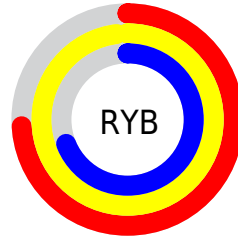
The XYZ color **78.1273, 85.1916, 53.4002** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **52.9298, 51.6715, 97.6265**, and the grayscale version is **79.2497, 83.3768, 90.7973**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **42.5010, 46.6345, 25.5002** is the 20% darker color. If you saturate the color by 10%, you get **74.8026, 82.1426, 41.1917**, and if you desaturate by 10%, it is **81.9343, 88.4753, 68.0188**.

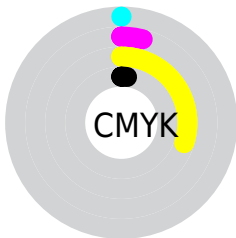
Distribution



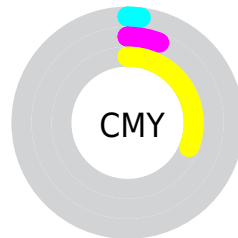
- Red (98%)
- Green (94%)
- Blue (69%)



- Red (74%)
- Yellow (98%)
- Blue (69%)



- Cyan (0%)
- Magenta (4%)
- Yellow (30%)
- Black (2%)




- Cyan (2%)
- Magenta (6%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.1273, 85.1916, 53.4002 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 78.1273, 85.1916, 53.4002 by changing the saturation by 10% instead.


 78.1273, 85.1916,
53.4002

 78.1273, 85.1916,
53.4002


477.4322,
512.2618, 416.9284

 58.4817, 63.9997,
37.7324


 129.6940,
140.6408, 96.6405

 42.4408, 46.6504,
25.4749


162.3458,
175.6670, 125.0501

 29.6392, 32.7594,
16.2090


200.0637,
216.0733, 158.5441

 19.7116, 21.9422,
9.5162

243.2130,
262.2442, 197.5410

 12.2926, 13.8144,
4.9780

292.1592,
314.5642, 242.4593

 7.0169, 7.9917,
2.1758

347.2676,

 3.5191, 4.0896,

373.4175, 293.7176

0.6604

408.9035,
439.1886, 351.7345

■ 1.4339, 1.7238,
0.0000

■ 0.2801, 0.4390,
0.0000

■ 78.1273, 85.1916,
53.4002

■ 78.1273, 85.1916,
53.4002

■ 74.8026, 82.1426,
41.1917

■ 81.9343, 88.4753,
68.0188

■ 71.9284, 79.3064,
31.2561

■ 86.2404, 91.9915,
85.1640

■ 69.4794, 76.6755,
23.4504

■ 91.0693, 95.7531,
104.9510

■ 67.4249, 74.2376,
17.6135

■ 92.8728, 98.3409,
108.6945

■ 65.7296, 71.9783,
13.5611

■ 93.2344, 99.0640,
108.8150

■ 64.3519, 69.8807,
11.0740

■ 63.2259, 67.9182,
9.8059

■ 63.1830, 67.8411,
9.7646

Harmonies

Analogous

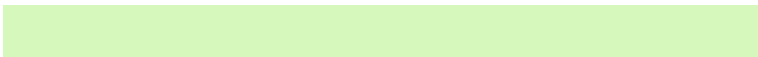
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.7803, 85.1916, 54.8988



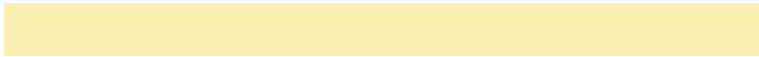
78.1273, 85.1916, 53.4002



70.7723, 85.1916, 60.9179

Triad

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



78.1273, 85.1916, 53.4002



68.9177, 85.1916, 126.7631



97.5797, 85.1916, 109.9785

Complementary

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



78.1273, 85.1916, 53.4002



52.9298, 51.6715, 97.6265

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.



92.1075, 85.1916, 134.1195



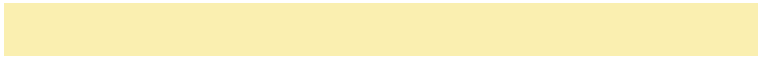
78.1273, 85.1916, 53.4002



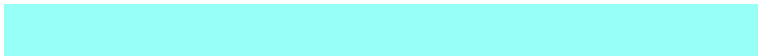
75.4290, 85.1916, 144.9400

Square

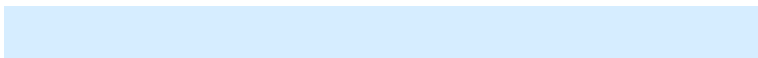
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.1273, 85.1916, 53.4002



65.7106, 85.1916, 101.2503



83.8851, 85.1916, 147.8483



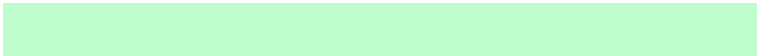
98.4306, 85.1916, 84.7565

Rectangle

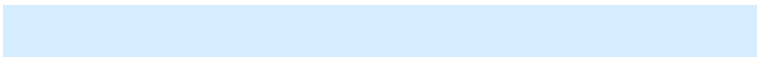
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.1273, 85.1916, 53.4002



67.4406, 85.1916, 70.9734



83.8851, 85.1916, 147.8483



96.2022, 85.1916, 118.6010

Sweetspot

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



78.1295, 85.1955, 53.4020



90.4945, 96.4528, 90.2289



63.9307, 54.9678, 54.3113



19.2209, 20.5264, 18.7123



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.



78.1295, 85.1955, 53.4020



79.4312, 87.0363, 47.3576



72.7941, 87.3694, 54.1028



18.4948, 19.7254, 18.2950



33.5983, 36.1534, 5.2075



3.1696, 3.4641, 0.5016

Inverse Universe

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



52.9298, 51.6715, 97.6265



48.8855, 46.4082, 100.9889



57.1116, 50.4965, 97.1793



16.4911, 17.0591, 21.8088



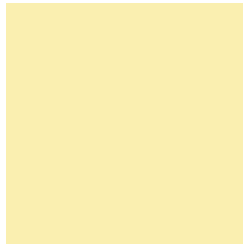
9.5688, 4.4933, 48.3365



0.9464, 0.5365, 4.4968

Previews

White Background



This preview shows how the XYZ color 78.1273, 85.1916, 53.4002 looks on a white background.

Color Contrast Check

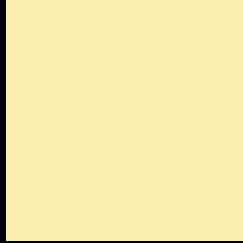
Large Text (above 18pt) WCAG AA × Fail

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 78.1273, 85.1916, 53.4002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

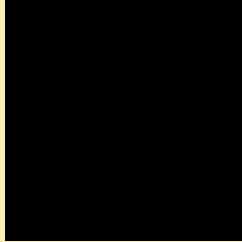
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.1273, 85.1916, 53.4002

Background



This preview shows how black text looks on a background with the XYZ color 78.1273, 85.1916, 53.4002.



This preview shows how white text looks on a background with the XYZ color 78.1273, 85.1916,

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

78.1273, 85.1916, 53.4002

Protanopia

79.2621, 84.9235, 52.7718

Deuteranopia

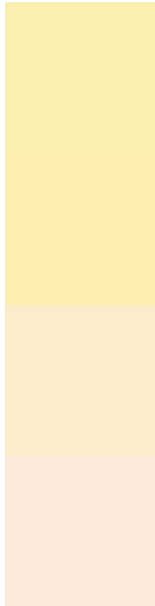
83.1872, 85.1154, 77.6901



Tritanopia

86.4505, 85.0656, 99.0517

Trichromacy



Original Color

78.1273, 85.1916, 53.4002

Protanomaly

78.8204, 85.1269, 52.8343

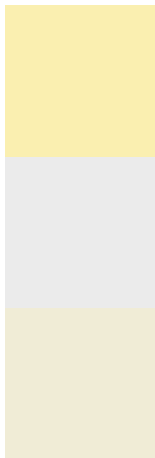
Deuteranomaly

81.1641, 85.1378, 68.0325

Tritanomaly

82.9820, 84.9487, 80.4297

Monochromacy



Original Color

78.1273, 85.1916, 53.4002

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

78.0682, 83.3712, 75.5959

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1273, 85.1916, 53.4002 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(250, 239, 176)` looks like.

```
.text, #text, p{  
    color:rgb(250, 239, 176)  
}
```

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(250, 239, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 239, 176) }
```

Border

The CSS property to change the border of an element to XYZ 78.1273, 85.1916, 53.4002 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(250, 239, 176) }
```


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

```
.border{ border-color:rgb(250, 239, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 239, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 239, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 239, 176); box-shadow:4px 4px 4px 4px rgb(250, 239, 176) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1273, 85.1916, 53.4002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 239, 176) }
```

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

```
.background{ background-color: rgb(250,  
239, 176) }
```

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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