

Converting Colors

XYZ(107.5701, 100.0000,
52.5500)

Have a look what the booklet for
XYZ(107.5701, 100.0000, 52.5500)
contains.

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Color

**XYZ(79.2609, 85.3876,
51.3337)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEEAC
RGB	255, 238, 172
RGB Percent	100%, 93%, 67%
CMY	0.0000, 0.0666, 0.3255
CMYK	0.00, 0.07, 0.33, 0.00
HSL	48°, 100%, 84%
HSV	48°, 33%, 100%
XYZ	79.2609, 85.3876, 51.3337
YIQ	235.5590, 31.3180, -16.9220

Conversions

Conversions Part 2

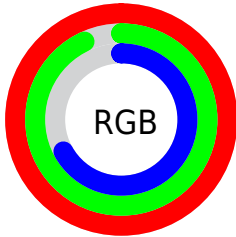
Format	Color
RYB	193, 255, 172
Decimal	16772780
CIELab	94.05, -3.73, 34.08
CIELCh	94, 34.284, 96.239
Yxy	85.3876, 0.3670, 0.3953
Android (android.graphics.Color)	4294962860 (0xFFFFEEAC)
YUV	235.5590, -31.3346, 17.0498
Hunter-Lab	92.4054, -8.6008, 31.7466

Details

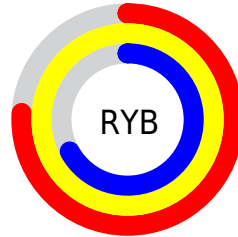
The XYZ color **79.2609, 85.3876, 51.3337** is a light color, and the websafe version is hex **FFFCC**. A complement of this color would be **53.2605, 52.3843, 101.9118**, and the grayscale version is **79.6086, 83.7544, 91.2085**.

A 20% lighter version of the original color is **91.0036, 98.3814, 87.5919**, and **43.0837, 46.6581, 24.1879** is the 20% darker color. If you saturate the color by 10%, you get **75.5457, 81.5074, 39.1503**, and if you desaturate by 10%, it is **83.4944, 89.5517, 66.0102**.

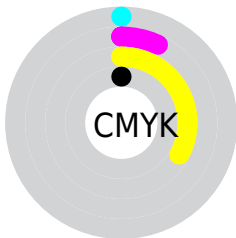
Distribution



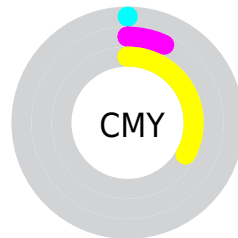
- Red (100%)
- Green (93%)
- Blue (67%)



- Red (76%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (7%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (7%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.2609, 85.3876, 51.3337 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 79.2609, 85.3876, 51.3337 by changing the saturation by 10% instead.


 79.2609, 85.3876,
51.3337

 79.2609, 85.3876,
51.3337


481.2131,
512.9097, 408.7424

 59.4167, 64.1617,
36.0957


 131.2821,
140.9146, 93.5644

 43.1963, 46.7816,
24.2178


164.1898,
175.9845, 121.3941

 30.2344, 32.8631,
15.2816


202.1827,
216.4378, 154.2582

 20.1655, 22.0216,
8.8684

245.6262,
262.6589, 192.5752

 12.6244, 13.8728,
4.5598

294.8856,
315.0323, 236.7635

 7.2456, 8.0322,
1.9372

350.3264,

 3.6639, 4.1156,

373.9423, 287.2418

0.5163

412.3137,
439.7733, 344.4286

■ 1.5138, 1.7384,
0.0000

■ 0.3352, 0.4483,
0.0000

■ 79.2609, 85.3876,
51.3337

■ 79.2609, 85.3876,
51.3337

■ 75.5457, 81.5074,
39.1503

■ 83.4944, 89.5517,
66.0102

■ 72.3150, 77.8879,
29.3124

■ 88.2651, 93.9988,
83.3052

■ 69.5410, 74.5205,
21.6653

■ 93.5984, 98.7426,
103.3421

■ 67.1899, 71.3910,
16.0333

95.0500, 100.0000,
108.9000

■ 65.2229, 68.4832,
12.2136

■ 63.5930, 65.7778,
9.9609

■ 62.5463, 63.8725,
9.0321

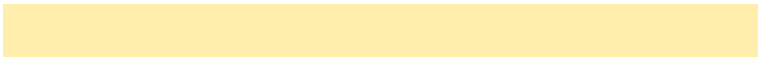
Harmonies

Analogous

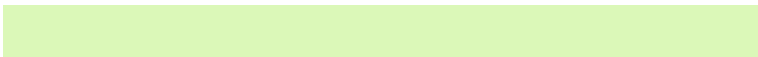
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4571, 85.3876, 54.0546



79.2609, 85.3876, 51.3337



71.1938, 85.3876, 57.9604

Triad

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



79.2609, 85.3876, 51.3337



67.7765, 85.3876, 126.0609



98.3529, 85.3876, 114.7929

Complementary

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



79.2609, 85.3876, 51.3337



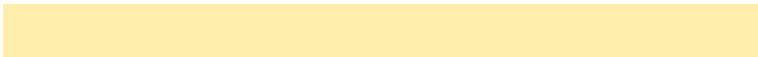
53.2605, 52.3843, 101.9118

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.



92.0119, 85.3876, 139.8325



79.2609, 85.3876, 51.3337



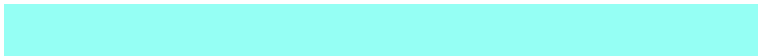
74.2725, 85.3876, 147.1463

Square

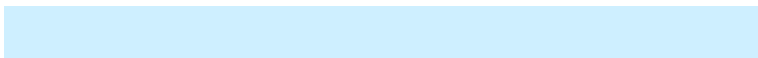
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2609, 85.3876, 51.3337



64.8920, 85.3876, 98.5579



83.0858, 85.3876, 152.6088



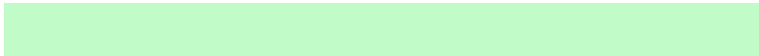
99.9383, 85.3876, 87.6024

Rectangle

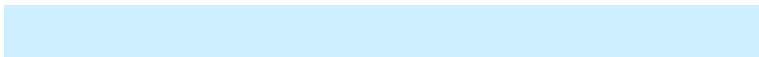
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.2609, 85.3876, 51.3337



67.3901, 85.3876, 67.6836



83.0858, 85.3876, 152.6088



96.6848, 85.3876, 123.8862

Sweetspot

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



79.2630, 85.3915, 51.3355



89.5697, 95.1790, 88.1459



65.2856, 54.4830, 55.7820



19.0166, 20.2324, 18.2906



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

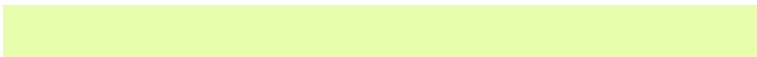
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2630, 85.3915, 51.3355



76.8075, 82.8546, 43.1974



76.3181, 91.5682, 52.6829



19.2268, 20.4218, 19.0728



32.7920, 33.5952, 4.7562



3.2688, 3.4229, 0.4884

Inverse Universe

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



53.2605, 52.3843, 101.9118



47.1815, 45.2593, 100.8569



55.4428, 48.3972, 101.0272



17.3042, 17.9800, 22.8084



10.1622, 5.2340, 49.9092



1.0629, 0.6565, 4.8840

Previews

White Background



This preview shows how the XYZ color 79.2609, 85.3876, 51.3337 looks on a white background.

Color Contrast Check

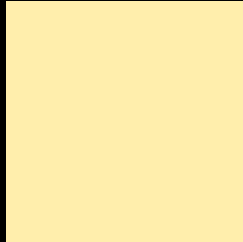
Large Text (above 18pt) WCAG AA × Fail

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 79.2609, 85.3876, 51.3337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

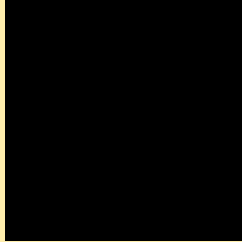
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.2609, 85.3876, 51.3337

Background



This preview shows how black text looks on a background with the XYZ color 79.2609, 85.3876, 51.3337.



This preview shows how white text looks on a background with the XYZ color 79.2609, 85.3876,

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

79.2609, 85.3876, 51.3337

Protanopia

79.6510, 85.5437, 53.3878

Deuteranopia

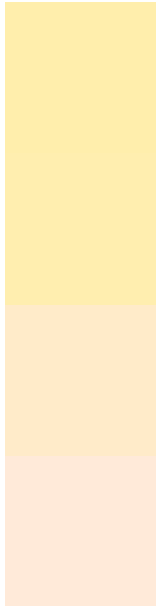
83.1872, 85.1154, 77.6901



Tritanopia

86.2743, 85.4443, 96.7393

Trichromacy



Original Color

79.2609, 85.3876, 51.3337

Protanomaly

79.5524, 85.5042, 52.8685

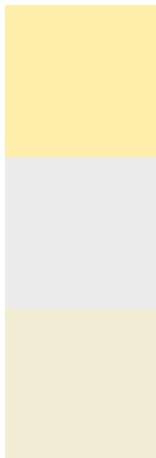
Deuteranomaly

81.4909, 84.8937, 67.3494

Tritanomaly

83.1872, 85.1154, 77.6901

Monochromacy



Original Color

79.2609, 85.3876, 51.3337

Achromatopsia

79.7278, 83.8799, 91.3452

Achromatomaly

79.2566, 84.4272, 75.0696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2609, 85.3876, 51.3337 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, 238, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 172)  
}
```

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, 238, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 172) }
```

Border

The CSS property to change the border of an element to XYZ 79.2609, 85.3876, 51.3337 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, 238, 172) }
```


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

```
.border{ border-color:rgb(255, 238, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 238, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2609, 85.3876, 51.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 238, 172) }
```

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

```
.background{ background-color: rgb(255,  
238, 172) }
```

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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