

Converting Colors

XYZ(79.3153, 87.1670, 46.2016)

Have a look what the booklet for
XYZ(79.3153, 87.1670, 46.2016)
contains.

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Color

**XYZ(79.4252, 87.3375,
46.3899)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF2A1
RGB	255, 242, 161
RGB Percent	100%, 95%, 63%
CMY	0.0000, 0.0510, 0.3686
CMYK	0.00, 0.05, 0.37, 0.00
HSL	52°, 100%, 82%
HSV	52°, 37%, 100%
XYZ	79.4252, 87.3375, 46.3899
YIQ	236.6530, 33.7490, -22.4350

Conversions

Conversions Part 2

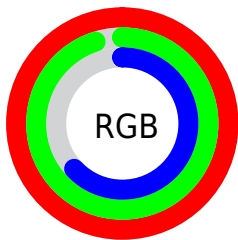
Format	Color
R_{YB}	176, 255, 161
Decimal	16773793
CIE _{Lab}	94.88, -6.98, 40.68
CIE _{LCh}	95, 41.276, 99.742
Yxy	87.3375, 0.3726, 0.4097
Android (android.graphics.Color)	4294963873 (0xFFFFF2A1)
YUV	236.6530, -37.2969, 16.0903
Hunter-Lab	93.4545, -11.8417, 35.9872

Details

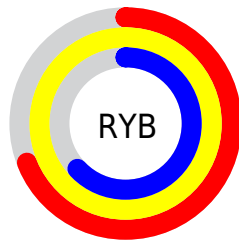
The XYZ color **79.4252, 87.3375, 46.3899** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **47.8837, 45.0679, 100.7830**, and the grayscale version is **80.4908, 84.6826, 92.2193**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **43.2916, 48.0708, 21.1842** is the 20% darker color. If you saturate the color by 10%, you get **76.3636, 84.4534, 35.3840**, and if you desaturate by 10%, it is **82.9699, 90.4535, 59.8213**.

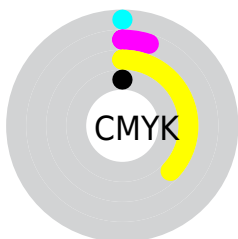
Distribution



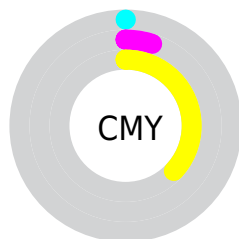
- Red (100%)
- Green (95%)
- Blue (63%)



- Red (69%)
- Yellow (100%)
- Blue (63%)



- Cyan (0%)
- Magenta (5%)
- Yellow (37%)
- Black (0%)





- Cyan (0%)
- Magenta (5%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.4252, 87.3375, 46.3899 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 79.4252, 87.3375, 46.3899 by changing the saturation by 10% instead.


 79.4252, 87.3375,
46.3899


 79.4252, 87.3375,
46.3899


481.7597,
519.3312, 388.6970

 59.5523, 65.7745,
32.2027


 131.5121,
143.6345, 86.1426

 43.3060, 48.0894,
21.2503


 164.4567,
179.1373, 112.5453

 30.3208, 33.8977,
13.1141


202.4894,
220.0555, 143.8568

 20.2315, 22.8150,
7.3755

245.9754,
266.7734, 180.4958

 12.6727, 14.4570,
3.6160

295.2800,
319.6756, 222.8808

 7.2790, 8.4392,
1.4172

350.7687,

 3.6851, 4.3772,

379.1464, 271.4303

0.1550

412.8068,
445.5701, 326.5628

■ 1.5255, 1.8867,
0.0000

■ 0.3431, 0.5404,
0.0000

■ 79.4252, 87.3375,
46.3899

■ 79.4252, 87.3375,
46.3899

■ 76.3636, 84.4534,
35.3840

■ 82.9699, 90.4535,
59.8213

■ 73.7506, 81.7778,
26.6502

■ 87.0171, 93.7998,
75.8079

■ 71.5569, 79.3019,
20.0264

■ 91.5928, 97.3903,
94.4770

■ 69.7473, 77.0114,
15.3266

95.0500, 100.0000,
108.9000

■ 68.2801, 74.8895,
12.3324

■ 67.1026, 72.9150,
10.7671

■ 66.7679, 72.3158,
10.4393

Harmonies

Analogous

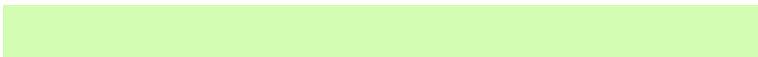
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.6835, 87.3375, 48.2242



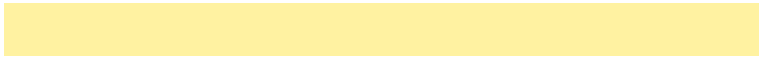
79.4252, 87.3375, 46.3899



70.0064, 87.3375, 55.1607

Triad

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



79.4252, 87.3375, 46.3899



67.5478, 87.3375, 140.1623



104.8678, 87.3375, 118.0572

Complementary

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



79.4252, 87.3375, 46.3899



47.8837, 45.0679, 100.7830

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.



97.5354, 87.3375, 150.7570



79.4252, 87.3375, 46.3899



75.7852, 87.3375, 165.3768

Square

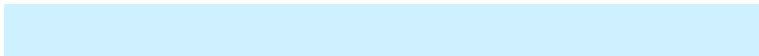
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.4252, 87.3375, 46.3899



63.5673, 87.3375, 105.9041



86.7045, 87.3375, 169.6382



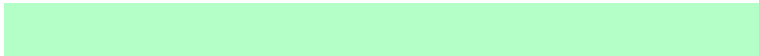
106.0646, 87.3375, 85.0489

Rectangle

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



79.4252, 87.3375, 46.3899



65.7855, 87.3375, 67.3122



86.7045, 87.3375, 169.6382



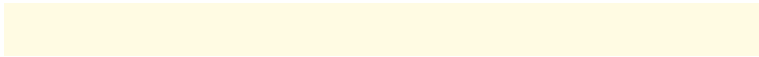
103.0095, 87.3375, 129.6327

Sweetspot

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



79.4273, 87.3415, 46.3917



89.6337, 95.8743, 86.4183



61.7332, 49.8498, 46.9783



19.0522, 20.4167, 17.9539



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

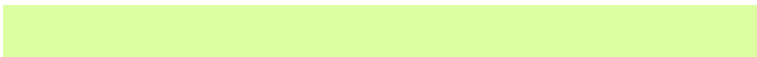
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.4273, 87.3415, 46.3917



77.1931, 85.2577, 38.2951



72.3484, 89.6388, 47.2083



19.3345, 20.6372, 19.1087



34.9703, 37.9517, 5.4823



3.4614, 3.8081, 0.5526

Inverse Universe

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



47.8837, 45.0679, 100.7830



41.6228, 37.6013, 99.6718



53.0182, 44.1670, 100.3385



17.2055, 17.7825, 22.7755



9.8107, 4.5309, 49.7921



1.0140, 0.5586, 4.8677

Previews

White Background



This preview shows how the XYZ color 79.4252, 87.3375, 46.3899 looks on a white background.

Color Contrast Check

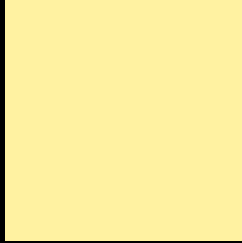
Large Text (above 18pt) WCAG AA × Fail

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 79.4252, 87.3375, 46.3899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

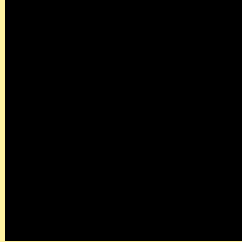
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.4252, 87.3375, 46.3899

Background



This preview shows how black text looks on a background with the XYZ color 79.4252, 87.3375, 46.3899.



This preview shows how white text looks on a background with the XYZ color 79.4252, 87.3375,

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

79.4252, 87.3375, 46.3899

Protanopia

81.3697, 87.1680, 59.5502

Deuteranopia

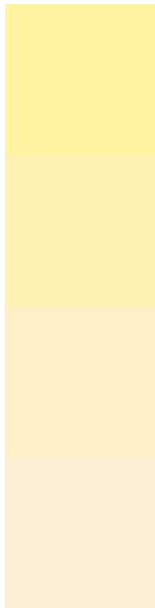
84.5753, 87.0488, 80.7511



Tritanopia

87.4298, 87.2692, 98.6228

Trichromacy



Original Color

79.4252, 87.3375, 46.3899

Protanomaly

80.7312, 87.3849, 54.7315

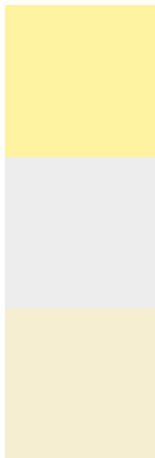
Deuteranomaly

82.4153, 87.1165, 66.5042

Tritanomaly

83.9521, 87.2641, 76.0372

Monochromacy



Original Color

79.4252, 87.3375, 46.3899

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

79.6834, 85.5695, 72.6384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4252, 87.3375, 46.3899 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, 242, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 242, 161)  
}
```

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, 242, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 242, 161) }
```

Border

The CSS property to change the border of an element to XYZ 79.4252, 87.3375, 46.3899 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, 242, 161) }
```


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

```
.border{ border-color:rgb(255, 242, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 242, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 242, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 242, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 242,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4252, 87.3375, 46.3899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 242, 161) }
```

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

```
.background{ background-color: rgb(255,  
242, 161) }
```

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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