

Converting Colors

XYZ(75.3975, 86.1895, 44.5807)

Have a look what the booklet for
XYZ(75.3975, 86.1895, 44.5807)
contains.

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Color

**XYZ(75.3986, 86.1904,
44.5608)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F49D
RGB	243, 244, 157
RGB Percent	95%, 96%, 62%
CMY	0.0471, 0.0431, 0.3843
CMYK	0.00, 0.00, 0.36, 0.04
HSL	61°, 80%, 79%
HSV	61°, 36%, 96%
XYZ	75.3986, 86.1904, 44.5608
YIQ	233.7830, 27.3310, -27.2690

Conversions

Conversions Part 2

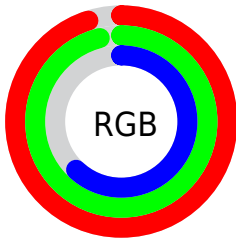
Format	Color
RYB	157, 244, 158
Decimal	15987869
CIELab	94.39, -12.98, 41.84
CIELCh	94, 43.812, 107.233
Yxy	86.1904, 0.3657, 0.4181
Android (android.graphics.Color)	4294177949 (0xFFFF3F49D)
YUV	233.7830, -37.8540, 8.0833
Hunter-Lab	92.8388, -17.4999, 36.5291

Details

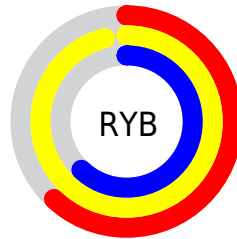
The XYZ color **75.3986, 86.1904, 44.5608** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **42.4899, 37.9169, 90.6723**, and the grayscale version is **78.3073, 82.3853, 89.7176**.

A 20% lighter version of the original color is **88.8837, 97.5335, 76.4285**, and **40.7316, 47.4050, 20.1000** is the 20% darker color. If you saturate the color by 10%, you get **73.4235, 85.3922, 34.6589**, and if you desaturate by 10%, it is **77.7942, 87.1629, 56.6573**.

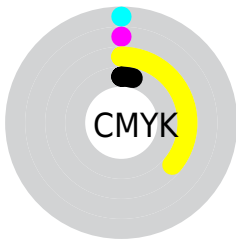
Distribution



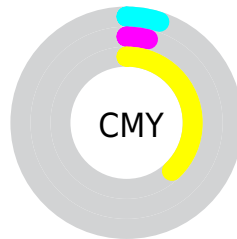
- Red (95%)
- Green (96%)
- Blue (62%)



- Red (62%)
- Yellow (96%)
- Blue (62%)



- Cyan (0%)
- Magenta (0%)
- Yellow (36%)
- Black (4%)



- Cyan (5%)
- Magenta (4%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.3986, 86.1904, 44.5608 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 75.3986, 86.1904, 44.5608 by changing the saturation by 10% instead.

75.3986, 86.1904,
44.5608

75.3986, 86.1904,
44.5608

468.2626,
515.5588, 381.1000

56.2348, 64.8254,
30.7712

125.8613,
142.0352, 83.3724

40.6290, 47.3195,
20.1677

157.8910,
177.2837, 109.2315

28.2157, 33.2883,
12.3317

194.9400,
217.9290, 139.9508

18.6296, 22.3474,
6.8447

237.3737,
264.3553, 175.9489

11.5053, 14.1124,
3.2882

285.5575,
316.9470, 217.6444

6.4776, 8.1989,
1.2436

339.8566,

3.1810, 4.2225,

376.0886, 265.4556

0.0149

400.6365,
442.1644, 319.8013

■ 1.2502, 1.7988,
0.0000

■ 0.1455, 0.4864,
0.0000

■ 75.3986, 86.1904,
44.5608

■ 75.3986, 86.1904,
44.5608

■ 73.4235, 85.3922,
34.6589

■ 77.7942, 87.1629,
56.6573

■ 71.8377, 84.7466,
26.8151


■ 80.6266, 88.3072,
71.0632

■ 70.6155, 84.2465,
20.8860


■ 83.9194, 89.6356,
87.8920


■ 69.7260, 83.8795,
16.7077


■ 87.6921, 91.1560,
107.2479


 69.1328, 83.6311,
14.0888


 87.8537, 91.2320,
107.5869

 68.7909, 83.4832,
12.7928

 87.9520, 91.2827,
107.5915

 68.6909, 83.4383,
12.4848

 88.0504, 91.3334,
107.5961

 88.1490, 91.3842,
107.6007

 88.2477, 91.4351,
107.6053

Harmonies

Analogous

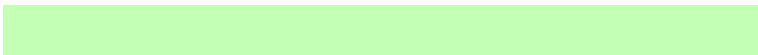
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.0242, 86.1904, 43.7699



75.3986, 86.1904, 44.5608



66.4069, 86.1904, 56.3619

Triad

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



75.3986, 86.1904, 44.5608



67.4970, 86.1904, 149.9149



106.0314, 86.1904, 108.9083

Complementary

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



75.3986, 86.1904, 44.5608



42.4899, 37.9169, 90.6723

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.



99.6817, 86.1904, 145.0870



75.3986, 86.1904, 44.5608



77.0220, 86.1904, 172.3013

Square

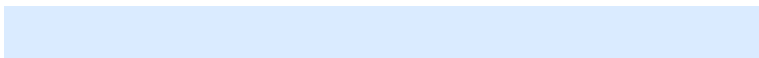
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.3986, 86.1904, 44.5608



62.1538, 86.1904, 114.3855



88.8099, 86.1904, 170.3486



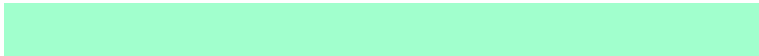
105.4902, 86.1904, 75.9265

Rectangle

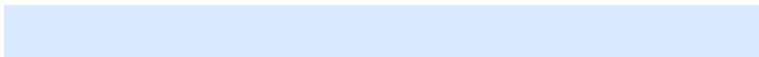
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.3986, 86.1904, 44.5608



62.7773, 86.1904, 70.9357



88.8099, 86.1904, 170.3486



104.6084, 86.1904, 121.2255

Sweetspot

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



75.4007, 86.1943, 44.5626



90.7389, 98.2618, 86.8208



55.4539, 45.7835, 37.8138



19.3176, 20.9900, 18.0506



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.



75.4007, 86.1943, 44.5626



81.6727, 94.5953, 40.8839



62.3931, 79.4886, 43.9539



17.8946, 19.3032, 17.5803



37.3568, 45.3709, 6.7886



3.2893, 3.9908, 0.5969

Inverse Universe

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



42.4899, 37.9169, 90.6723



40.1933, 33.7458, 99.0029



52.3419, 42.9958, 91.1334



15.5989, 15.9359, 20.7963



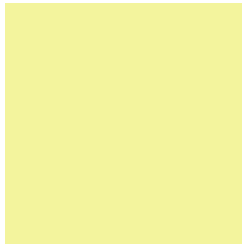
8.9058, 3.5655, 46.7568



0.7889, 0.3165, 4.1098

Previews

White Background



This preview shows how the XYZ color 75.3986, 86.1904, 44.5608 looks on a white background.

Color Contrast Check

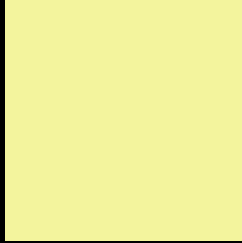
Large Text (above 18pt) WCAG AA × Fail

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 75.3986, 86.1904, 44.5608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

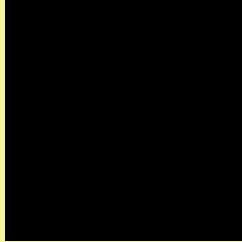
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

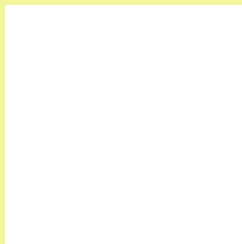
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.3986, 86.1904, 44.5608

Background



This preview shows how black text looks on a background with the XYZ color 75.3986, 86.1904, 44.5608.

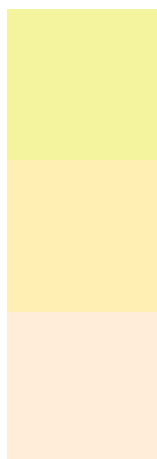


This preview shows how white text looks on a background with the XYZ color 75.3986, 86.1904,

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

75.3986, 86.1904, 44.5608

Protanopia

80.1424, 86.2074, 54.5352

Deuteranopia

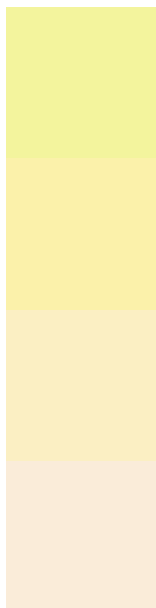
83.7598, 86.2607, 77.8810



Tritanopia

87.1422, 85.7491, 103.2251

Trichromacy



Original Color

75.3986, 86.1904, 44.5608

Protanomaly

78.4947, 86.3221, 50.5549

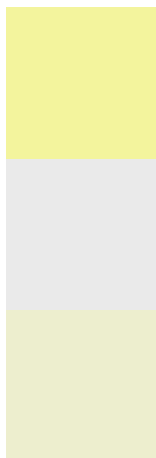
Deuteranomaly

80.5005, 86.1824, 64.0218

Tritanomaly

81.9442, 85.3247, 77.7960

Monochromacy



Original Color

75.3986, 86.1904, 44.5608

Achromatopsia

78.2058, 82.2786, 89.6014

Achromatomaly

76.6402, 83.6098, 70.4915

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.3986, 86.1904, 44.5608 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(243, 244, 157)` looks like.

```
.text, #text, p{  
    color:rgb(243, 244, 157)  
}
```

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(243, 244, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 244, 157) }
```

Border

The CSS property to change the border of an element to XYZ 75.3986, 86.1904, 44.5608 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(243, 244, 157) }
```


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

```
.border{ border-color:rgb(243, 244, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 244, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 244, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 244, 157);  
box-shadow:4px 4px 4px 4px rgb(243, 244,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 75.3986, 86.1904, 44.5608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 244, 157) }
```

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

```
.background{ background-color: rgb(243,  
244, 157) }
```

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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