

Converting Colors

XYZ(73.3983, 87.4371, 23.5984)

Have a look what the booklet for
XYZ(73.3983, 87.4371, 23.5984)
contains.

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Color

**XYZ(73.2440, 87.3554,
23.5906)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F85E
RGB	245, 248, 94
RGB Percent	96%, 97%, 37%
CMY	0.0392, 0.0274, 0.6314
CMYK	0.01, 0.00, 0.62, 0.03
HSL	61°, 92%, 67%
HSV	61°, 62%, 97%
XYZ	73.2440, 87.3554, 23.5906
YIQ	229.5470, 47.6460, -48.5300

Conversions

Conversions Part 2

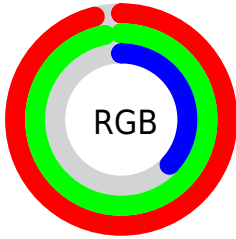
Format	Color
R _{YB}	94, 248, 97
Decimal	16119902
CIE Lab	94.89, -19.57, 71.07
CIE LCh	95, 73.710, 105.393
Yxy	87.3554, 0.3977, 0.4743
Android (android.graphics.Color)	4294309982 (0xFFFF5F85E)
YUV	229.5470, -66.8247, 13.5523
Hunter-Lab	93.4641, -23.6790, 50.4599

Details

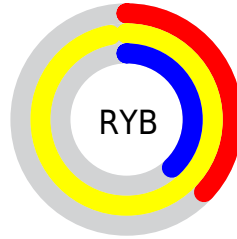
The XYZ color **73.2440, 87.3554, 23.5906** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **25.8784, 17.3260, 90.7925**, and the grayscale version is **75.3344, 79.2577, 86.3116**.

A 20% lighter version of the original color is **82.5050, 94.9820, 42.8390**, and **39.3467, 48.2373, 8.5333** is the 20% darker color. If you saturate the color by 10%, you get **72.1372, 86.8964, 18.6342**, and if you desaturate by 10%, it is **74.7127, 87.9657, 30.4329**.

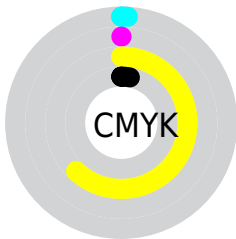
Distribution



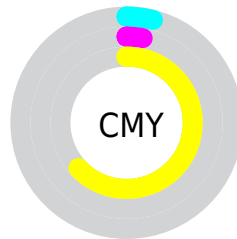
- Red (96%)
- Green (97%)
- Blue (37%)



- Red (37%)
- Yellow (97%)
- Blue (38%)



- Cyan (1%)
- Magenta (0%)
- Yellow (62%)
- Black (3%)



- Cyan (4%)
- Magenta (3%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2440, 87.3554, 23.5906 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 73.2440, 87.3554, 23.5906 by changing the saturation by 10% instead.

73.2440, 87.3554,
23.5906

73.2440, 87.3554,
23.5906

460.9507,
519.3900, 283.9637

54.4646, 65.7894,
14.8208

122.8248,
143.6594, 50.2967

39.2054, 48.1014,
8.5485

154.3569,
179.1662, 69.0701

27.1010, 33.9072,
4.3551

190.8706,
220.0886, 92.0152

17.7860, 22.8223,
1.8221

232.7313,
266.8111, 119.5504

10.8952, 14.4624,
0.4425

280.3043,
319.7181, 152.0943

6.0632, 8.4429,
0.0000

333.9550,

2.9246, 4.3797,

379.1940, 190.0655

0.0000

394.0487,
445.6232, 233.8824

■ 1.1140, 1.8881,
0.0000

■ 0.0368, 0.5412,
0.0000

■ 73.2440, 87.3554,
23.5906

■ 73.2440, 87.3554,
23.5906

■ 72.1372, 86.8964,
18.6342

■ 74.7127, 87.9657,
30.4329

■ 71.3507, 86.5624,
15.3705

■ 76.5682, 88.7274,
39.3185

■ 70.8433, 86.3400,
13.5749

■ 78.8401, 89.6559,
50.3948

■ 70.5882, 86.2227,
12.9223

■ 81.5536, 90.7609,
63.7938

84.7317, 92.0519,
79.6372

88.3959, 93.5374,
98.0382

90.4690, 94.3865,
108.0579

90.6412, 94.4753,
108.0660

90.8140, 94.5643,
108.0741

Harmonies

Analogous

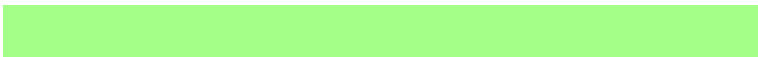
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.0973, 87.3554, 23.4366



73.2440, 87.3554, 23.5906



58.5737, 87.3554, 36.8894

Triad

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



73.2440, 87.3554, 23.5906



58.8697, 87.3554, 196.9015



126.0229, 87.3554, 125.6428

Complementary

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



73.2440, 87.3554, 23.5906



25.8784, 17.3260, 90.7925

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.



113.4888, 87.3554, 195.1720



73.2440, 87.3554, 23.5906



73.7135, 87.3554, 246.2256

Square

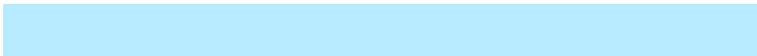
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.2440, 87.3554, 23.5906



51.2275, 87.3554, 127.4072



93.6482, 87.3554, 245.4894



125.8427, 87.3554, 68.8000

Rectangle

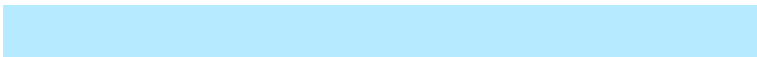
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.2440, 87.3554, 23.5906



52.7722, 87.3554, 56.2680



93.6482, 87.3554, 245.4894



123.0786, 87.3554, 148.6694

Sweetspot

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



73.2460, 87.3594, 23.5924



87.8603, 97.0840, 72.8518



44.9695, 29.2363, 13.8638



18.6086, 20.6998, 14.6133



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.



73.2460, 87.3594, 23.5924



76.5578, 92.4460, 18.6221



51.8321, 76.3201, 22.5902



18.6919, 20.1725, 18.3709



38.1445, 46.5825, 6.9809



3.5432, 4.3197, 0.6470

Inverse Universe

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



25.8784, 17.3260, 90.7925



22.2174, 12.0691, 95.7663



38.3079, 23.7336, 91.3742



16.3144, 16.6592, 21.7410



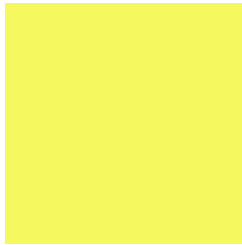
9.1989, 3.6849, 48.2000



0.8627, 0.3468, 4.4646

Previews

White Background



This preview shows how the XYZ color 73.2440, 87.3554, 23.5906 looks on a white background.

Color Contrast Check

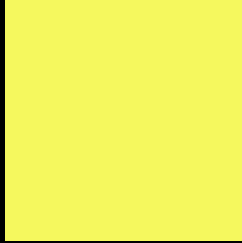
Large Text (above 18pt) WCAG AA × Fail

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 73.2440, 87.3554, 23.5906 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 73.2440, 87.3554, 23.5906

Background



This preview shows how black text looks on a background with the XYZ color 73.2440, 87.3554, 23.5906.

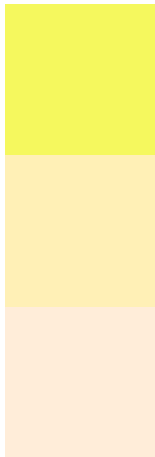


This preview shows how white text looks on a background with the XYZ color 73.2440, 87.3554,

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

73.2440, 87.3554, 23.5906

Protanopia

80.8436, 86.9576, 56.7795

Deuteranopia

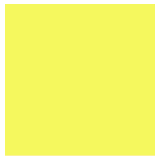
84.0486, 86.8381, 77.9772



Tritanopia

87.6061, 86.8829, 100.9597

Trichromacy



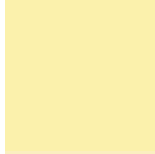
Original Color

73.2440, 87.3554, 23.5906



Protanomaly

77.3393, 86.8124, 41.5344



Deuteranomaly

78.6854, 86.3984, 51.5591



Tritanomaly

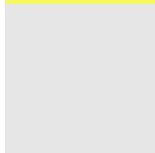
80.1646, 86.0480, 62.2530

Monochromacy



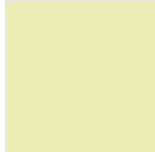
Original Color

73.2440, 87.3554, 23.5906



Achromatopsia

75.2129, 79.1298, 86.1723



Achromatomaly

72.8856, 81.5667, 55.6185

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2440, 87.3554, 23.5906 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(245, 248, 94)` looks like.

```
.text, #text, p{  
    color:rgb(245, 248, 94)  
}
```

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(245, 248, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 248, 94) }
```

Border

The CSS property to change the border of an element to XYZ 73.2440, 87.3554, 23.5906 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(245, 248, 94) }
```


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

```
.border{ border-color:rgb(245, 248, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 248, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 248, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 248, 94);  
box-shadow:4px 4px 4px 4px rgb(245, 248,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2440, 87.3554, 23.5906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 248, 94) }
```

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

```
.background{ background-color: rgb(245,  
248, 94) }
```

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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