

Converting Colors

XYZ(73.6366, 88.1445, 39.1190)

Have a look what the booklet for
XYZ(73.6366, 88.1445, 39.1190)
contains.

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Color

**XYZ(73.7356, 88.1873,
39.1222)**

Conversions

Conversions Part 1

Format	Color
Hex	ECFA8F
RGB	236, 250, 143
RGB Percent	93%, 98%, 56%
CMY	0.0745, 0.0196, 0.4392
CMYK	0.06, 0.00, 0.43, 0.02
HSL	68°, 91%, 77%
HSV	68°, 43%, 98%
XYZ	73.7356, 88.1873, 39.1222
YIQ	233.6160, 26.0030, -36.2450

Conversions

Conversions Part 2

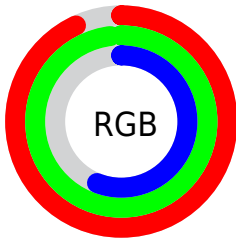
Format	Color
RYB	143, 250, 157
Decimal	15530639
CIELab	95.24, -20.05, 49.61
CIELCh	95, 53.509, 112.012
Yxy	88.1873, 0.3668, 0.4386
Android (android.graphics.Color)	4293720719 (0xFFE0F0A8F)
YUV	233.6160, -44.6737, 2.0908
Hunter-Lab	93.9081, -24.1829, 41.0354

Details

The XYZ color **73.7356, 88.1873, 39.1222** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **40.9858, 33.7175, 94.7957**, and the grayscale version is **78.2316, 82.3057, 89.6309**.

A 20% lighter version of the original color is **87.1930, 96.8572, 67.5258**, and **39.7277, 48.9055, 17.0187** is the 20% darker color. If you saturate the color by 10%, you get **70.9730, 86.9610, 30.1848**, and if you desaturate by 10%, it is **76.9445, 89.6006, 50.2869**.

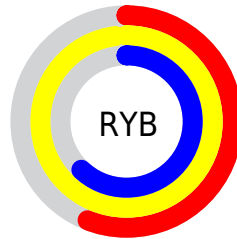
Distribution



Red (93%)

Green (98%)

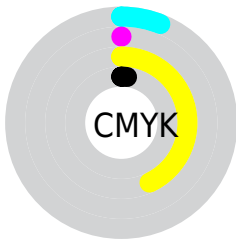
Blue (56%)



Red (56%)

Yellow (98%)

Blue (62%)

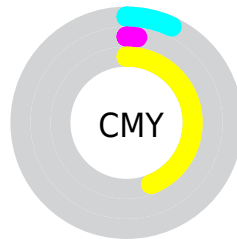


Cyan (6%)

Magenta (0%)

Yellow (43%)

Black (2%)



Cyan (7%)


Magenta (2%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.7356, 88.1873, 39.1222 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 73.7356, 88.1873, 39.1222 by changing the saturation by 10% instead.


 73.7356, 88.1873,
39.1222

 73.7356, 88.1873,
39.1222


462.6247,
522.1164, 357.8512

 54.8682, 66.4782,
26.5462


 123.5184,
144.8179, 75.0474

 39.5296, 48.6607,
17.0033


 155.1646,
180.5082, 99.2336

 27.3546, 34.3504,
10.0749


191.8010,
221.6276, 128.1271

 17.9776, 23.1629,
5.3424

233.7930,
268.5607, 162.1463

 11.0335, 14.7138,
2.3873

281.5061,
321.6917, 201.7098

 6.1569, 8.6188,
0.7795

335.3055,

 2.9823, 4.4934,

381.4050, 247.2361

0.0000

395.5566,
448.0851, 299.1437

■ 1.1444, 1.9532,
0.0000

■ 0.0618, 0.5801,
0.0000

■ 73.7356, 88.1873,
39.1222

■ 73.7356, 88.1873,
39.1222

■ 70.9730, 86.9610,
30.1848

■ 76.9445, 89.6006,
50.2869

■ 68.6218, 85.8984,
23.3197


■ 80.6190, 91.1994,
63.8088


■ 66.6522, 84.9908,
18.3609


■ 84.7852, 92.9972,
79.8147


■ 65.0272, 84.2232,
15.1150

■ 89.4651, 95.0029,
98.4206

 63.7022, 83.5779,
13.3470

 92.5139, 96.3584,
108.3308

 62.8864, 83.1700,
12.7389

 93.4776, 96.8552,
108.3759

Harmonies

Analogous

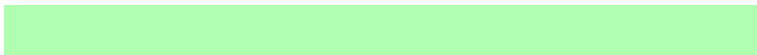
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.7800, 88.1873, 36.3970



73.7356, 88.1873, 39.1222



63.5908, 88.1873, 54.5628

Triad

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



73.7356, 88.1873, 39.1222



67.7064, 88.1873, 174.3103



114.7935, 88.1873, 107.6284

Complementary

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



73.7356, 88.1873, 39.1222



40.9858, 33.7175, 94.7957

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.



107.9384, 88.1873, 154.4680



73.7356, 88.1873, 39.1222



79.9797, 88.1873, 199.6231

Square

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



73.7356, 88.1873, 39.1222



60.4017, 88.1873, 129.4019



94.7830, 88.1873, 191.4646



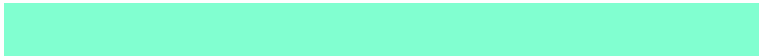
112.6206, 88.1873, 68.9394

Rectangle

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



73.7356, 88.1873, 39.1222



59.8617, 88.1873, 73.2786



94.7830, 88.1873, 191.4646



113.4430, 88.1873, 123.0402

Sweetspot

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



73.7378, 88.1913, 39.1241



88.5862, 97.2322, 83.1006



56.1873, 45.9135, 31.8886



18.7458, 20.7190, 16.9487



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

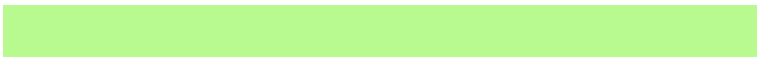
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7378, 88.1913, 39.1241



74.7105, 91.1725, 33.0457



58.9180, 80.5514, 38.4305



18.4908, 20.0688, 18.3615



33.4429, 44.1587, 6.7609



3.1576, 4.1209, 0.6290

Inverse Universe

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



40.9858, 33.7175, 94.7957



36.5280, 27.6230, 98.0143



53.3705, 40.1020, 95.3753



16.4942, 16.7519, 21.7494



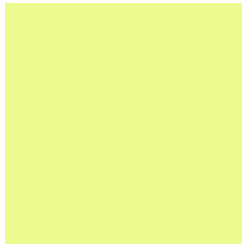
9.5463, 3.8640, 48.2162



0.9480, 0.3908, 4.4686

Previews

White Background



This preview shows how the XYZ color 73.7356, 88.1873, 39.1222 looks on a white background.

Color Contrast Check

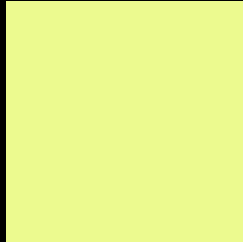
Large Text (above 18pt) WCAG AA × Fail

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 73.7356, 88.1873, 39.1222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

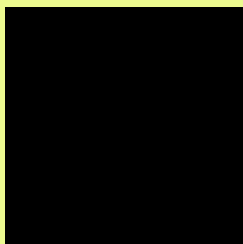
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

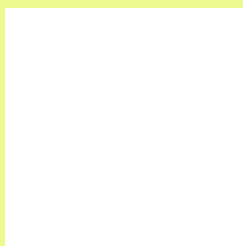
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7356, 88.1873, 39.1222

Background



This preview shows how black text looks on a background with the XYZ color 73.7356, 88.1873, 39.1222.

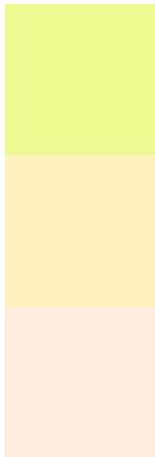


This preview shows how white text looks on a background with the XYZ color 73.7356, 88.1873,

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

73.7356, 88.1873, 39.1222

Protanopia

81.8806, 87.8447, 60.7843

Deuteranopia

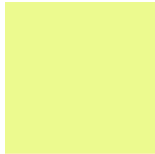
84.9994, 87.6830, 81.5518



Tritanopia

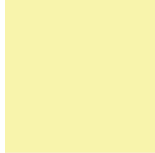
87.4011, 87.9281, 106.9730

Trichromacy



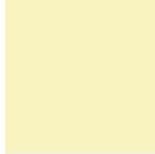
Original Color

73.7356, 88.1873, 39.1222



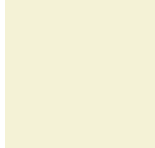
Protanomaly

78.5085, 87.6364, 51.8074



Deuteranomaly

80.0892, 87.3110, 63.0836



Tritanomaly

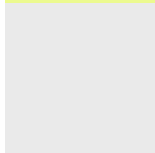
81.1980, 87.5924, 76.2458

Monochromacy



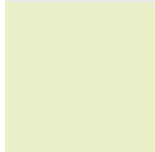
Original Color

73.7356, 88.1873, 39.1222



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.9637, 84.1994, 67.5067

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7356, 88.1873, 39.1222 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(236, 250, 143)` looks like.

```
.text, #text, p{  
    color:rgb(236, 250, 143)  
}
```

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(236, 250, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 250, 143) }
```

Border

The CSS property to change the border of an element to XYZ 73.7356, 88.1873, 39.1222 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(236, 250, 143) }
```


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

```
.border{ border-color:rgb(236, 250, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 250, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 250, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 250, 143);  
box-shadow:4px 4px 4px 4px rgb(236, 250,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7356, 88.1873, 39.1222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 250, 143) }
```

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

```
.background{ background-color: rgb(236,  
250, 143) }
```

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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