

Converting Colors

XYZ(73.5405, 88.6133, 13.2281)

Have a look what the booklet for
XYZ(73.5405, 88.6133, 13.2281)
contains.

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Color

**XYZ(73.6099, 88.6952,
13.2402)**

Conversions

Conversions Part 1

Format	Color
Hex	FAFA00
RGB	250, 250, 0
RGB Percent	98%, 98%, 0%
CMY	0.0196, 0.0196, 0.9999
CMYK	0.00, 0.00, 1.00, 0.02
HSL	60°, 100%, 49%
HSV	60°, 100%, 98%
XYZ	73.6099, 88.6952, 13.2402
YIQ	221.5000, 80.2500, -77.7500

Conversions

Conversions Part 2

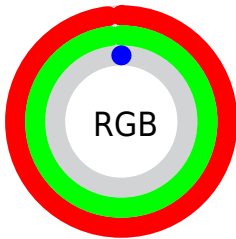
Format	Color
RYB	0, 250, 0
Decimal	16448000
CIELab	95.45, -21.23, 93.08
CIELCh	95, 95.467, 102.852
Yxy	88.6952, 0.4193, 0.5053
Android (android.graphics.Color)	4294638080 (0xFFFAFA00)
YUV	221.5000, -109.1995, 24.9945
Hunter-Lab	94.1781, -25.2956, 57.5893

Details

The XYZ color **73.6099, 88.6952, 13.2402** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **17.2574, 6.9037, 90.8711**, and the grayscale version is **69.7894, 73.4239, 79.9586**.

A 20% lighter version of the original color is **79.0656, 93.6062, 24.7271**, and **40.2781, 49.4024, 7.4127** is the 20% darker color. If you saturate the color by 10%, you get **73.6117, 88.6993, 13.2409**, and if you desaturate by 10%, it is **73.7879, 88.7698, 14.1671**.

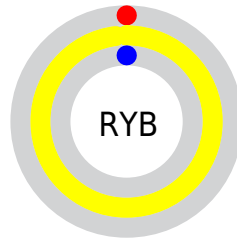
Distribution



Red (98%)

Green (98%)

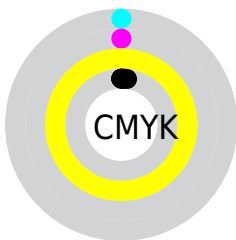
Blue (0%)



Red (0%)

Yellow (98%)

Blue (0%)

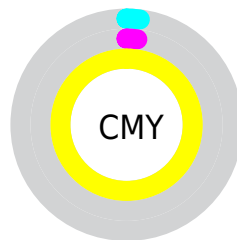


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (2%)



Cyan (2%)


Magenta (2%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.6099, 88.6952, 13.2402 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 73.6099, 88.6952, 13.2402 by changing the saturation by 10% instead.

 73.6099, 88.6952,
13.2402

 73.6099, 88.6952,
13.2402


462.1970,
523.7772, 223.7130


 54.7650, 66.8990,
7.4615


 123.3411,
145.5246, 32.4321


 39.4467, 49.0025,
3.6696


 154.9581,
181.3266, 46.6824


 27.2897, 34.6215,
1.4459


 191.5632,
222.5660, 64.5937

 17.9286, 23.3714,
0.1771

 233.5217,
269.6271, 86.5844

 10.9981, 14.8680,
0.0000

 281.1990,
322.8944, 113.0732

 6.1329, 8.7268,
0.0000

 334.9604,

 2.9675, 4.5634,

382.7522, 144.4785

0.0000

395.1713,
449.5850, 181.2189

■ 1.1366, 1.9935,
0.0000

■ 0.0554, 0.6037,
0.0000

■ 73.6099, 88.6952,
13.2402

■ 73.6099, 88.6952,
13.2402

■ 73.6117, 88.6993,
13.2409

■ 73.7879, 88.7698,
14.1671

■ 74.1888, 88.9302,
16.2771

■ 74.8839, 89.2083,
19.9358

■ 75.9150, 89.6207,
25.3642

■ 77.3174, 90.1817,
32.7475

■ 79.1218, 90.9035,
42.2478

■ 81.3557, 91.7971,
54.0100

■ 84.0443, 92.8726,
68.1666

■ 87.2108, 94.1392,
84.8397

Harmonies

Analogous

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



100.0056, 88.6952, 13.9967



73.6099, 88.6952, 13.2402



54.5326, 88.6952, 24.8192

Triad

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



73.6099, 88.6952, 13.2402



52.5642, 88.6952, 231.2671



142.0228, 88.6952, 145.5323

Complementary

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



73.6099, 88.6952, 13.2402



17.2574, 6.9037, 90.8711

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.



123.3109, 88.6952, 245.1943



73.6099, 88.6952, 13.2402



70.3351, 88.6952, 309.7359

Square

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



73.6099, 88.6952, 13.2402



44.1831, 88.6952, 132.2584



95.9826, 88.6952, 315.8492



143.4079, 88.6952, 67.9656

Rectangle

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



73.6099, 88.6952, 13.2402



47.0227, 88.6952, 44.6604



95.9826, 88.6952, 315.8492



137.3978, 88.6952, 178.2641

Sweetspot

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



73.6119, 88.6994, 13.2420



85.0853, 96.0140, 56.4313



39.4274, 20.3262, 1.8464



17.9888, 20.4617, 10.9045



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.



73.6119, 88.6994, 13.2420



76.9970, 92.7785, 13.8499



42.6486, 72.7372, 11.7930



18.7274, 20.1908, 18.3726



39.0436, 47.0460, 7.0230



3.6161, 4.3573, 0.6504

Inverse Universe

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



17.2574, 6.9037, 90.8711



18.0501, 7.2201, 95.0500



25.7175, 11.2650, 91.2670



16.2832, 16.6431, 21.7395



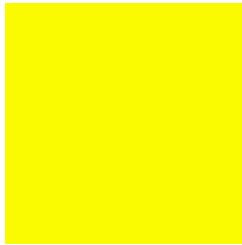
9.1528, 3.6611, 48.1978



0.8477, 0.3391, 4.4639

Previews

White Background



This preview shows how the XYZ color 73.6099, 88.6952, 13.2402 looks on a white background.

Color Contrast Check

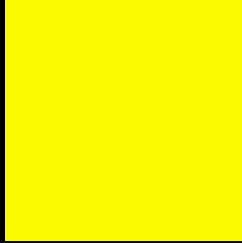
Large Text (above 18pt) WCAG AA × Fail

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 73.6099, 88.6952, 13.2402 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 73.6099, 88.6952, 13.2402

Background



This preview shows how black text looks on a background with the XYZ color 73.6099, 88.6952, 13.2402.

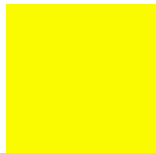


This preview shows how white text looks on a background with the XYZ color 73.6099, 88.6952,

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



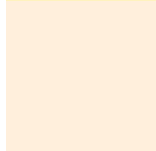
Original Color

73.6099, 88.6952, 13.2402



Protanopia

82.2864, 88.4820, 61.4570



Deuteranopia

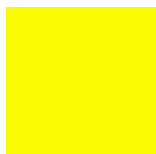
85.0248, 88.1603, 80.2455



Tritanopia

88.1587, 88.4822, 99.6211

Trichromacy



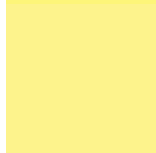
Original Color

73.6099, 88.6952, 13.2402



Protanomaly

76.6116, 87.5679, 30.9536



Deuteranomaly

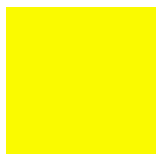
77.2922, 86.8773, 37.5062



Tritanomaly

78.3459, 86.8212, 44.5272

Monochromacy



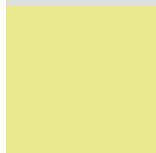
Original Color

73.6099, 88.6952, 13.2402



Achromatopsia

69.4303, 73.0461, 79.5472



Achromatomaly

66.9430, 76.7921, 36.4934

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6099, 88.6952, 13.2402 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(250, 250, 0)` looks like.

```
.text, #text, p{  
    color:rgb(250, 250, 0)  
}
```

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(250, 250, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 250, 0) }
```

Border

The CSS property to change the border of an element to XYZ 73.6099, 88.6952, 13.2402 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(250, 250, 0) }
```


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

```
.border{ border-color:rgb(250, 250, 0) }
```

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

Here you see how a box with a 4 pixel rgb(250, 250, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 250, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 250, 0);  
box-shadow:4px 4px 4px 4px rgb(250, 250,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6099, 88.6952, 13.2402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 250, 0) }
```

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

```
.background{ background-color: rgb(250,  
250, 0) }
```

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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