

Converting Colors

XYZ(74.7922, 91.6368, 13.9740)

Have a look what the booklet for
XYZ(74.7922, 91.6368, 13.9740)
contains.

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Color

**XYZ(74.8708, 91.6773,
13.9791)**

Conversions

Conversions Part 1

Format	Color
Hex	F9FF08
RGB	249, 255, 8
RGB Percent	98%, 100%, 3%
CMY	0.0235, 0.0000, 0.9685
CMYK	0.02, 0.00, 0.97, 0.00
HSL	61°, 100%, 52%
HSV	61°, 97%, 100%
XYZ	74.8708, 91.6773, 13.9791
YIQ	225.0480, 75.7110, -78.0890

Conversions

Conversions Part 2

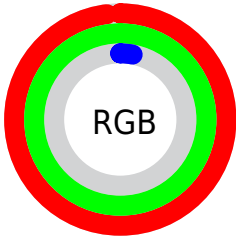
Format	Color
R _Y B	8, 255, 14
Decimal	16383752
CIE Lab	96.69, -23.95, 93.40
CIE LCh	97, 96.418, 104.384
Yxy	91.6773, 0.4147, 0.5078
Android (android.graphics.Color)	4294573832 (0xFFFF9FF08)
YUV	225.0480, -107.0047, 21.0059
Hunter-Lab	95.7483, -27.9806, 58.3675

Details

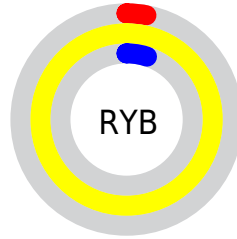
The XYZ color **74.8708, 91.6773, 13.9791** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **18.3190, 7.4882, 95.0876**, and the grayscale version is **72.3126, 76.0785, 82.8494**.

A 20% lighter version of the original color is **79.2046, 93.6618, 25.4593**, and **41.1625, 51.5382, 7.7784** is the 20% darker color. If you saturate the color by 10%, you get **74.7570, 91.6237, 13.7450**, and if you desaturate by 10%, it is **75.3300, 91.8865, 15.2444**.

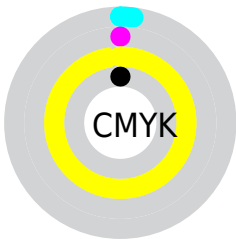
Distribution



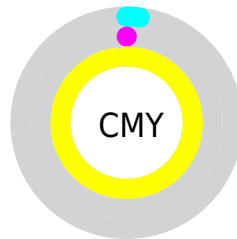
- Red (98%)
- Green (100%)
- Blue (3%)



- Red (3%)
- Yellow (100%)
- Blue (5%)



- Cyan (2%)
- Magenta (0%)
- Yellow (97%)
- Black (0%)



- Cyan (2%)
- Magenta (0%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8708, 91.6773, 13.9791 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 74.8708, 91.6773, 13.9791 by changing the saturation by 10% instead.

74.8708, 91.6773,
13.9791

74.8708, 91.6773,
13.9791

466.4774,
533.4721, 228.5247

55.8009, 69.3726,
7.9675

125.1183,
149.6661, 33.7685

40.2796, 51.0152,
3.9867

157.0267,
186.1189, 48.3835

27.9418, 36.2207,
1.6181

193.9451,
228.0567, 66.7033

18.4220, 24.6047,
0.3037

236.2391,
275.8637, 89.1466

11.3549, 15.7828,
0.0000

284.2740,
329.9243, 116.1318

6.3751, 9.3706,
0.0000

338.4151,

3.1173, 4.9837,

390.6230, 148.0776

0.0000

399.0278,
458.3441, 185.4023

■ 1.2161, 2.2377,
0.0000

■ 0.1190, 0.7404,
0.0000

■ 74.8708, 91.6773,
13.9791

■ 74.8708, 91.6773,
13.9791


■ 74.7570, 91.6237,
13.7450


■ 75.3300, 91.8865,
15.2444


■ 76.0603, 92.2043,
17.9315


■ 77.1140, 92.6515,
22.3181


■ 78.5326, 93.2447,
28.6223

 80.3515, 93.9981,
37.0301

 82.6016, 94.9242,
47.7055

 85.3111, 96.0341,
60.7961

 88.5057, 97.3381,
76.4373

 92.2092, 98.8457,
94.7544

Harmonies

Analogous

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



101.8641, 91.6773, 14.2032



74.8708, 91.6773, 13.9791



55.6470, 91.6773, 26.8285

Triad

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



74.8708, 91.6773, 13.9791



55.0644, 91.6773, 244.0264



147.2745, 91.6773, 145.4059

Complementary

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



74.8708, 91.6773, 13.9791



18.3190, 7.4882, 95.0876

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.



128.7051, 91.6773, 248.1469



74.8708, 91.6773, 13.9791



73.9016, 91.6773, 322.2490

Square

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



74.8708, 91.6773, 13.9791



45.9180, 91.6773, 141.4783



100.6736, 91.6773, 324.0577



147.6844, 91.6773, 67.2666

Rectangle

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



74.8708, 91.6773, 13.9791



48.2216, 91.6773, 48.3707



100.6736, 91.6773, 324.0577



142.8018, 91.6773, 178.8401

Sweetspot

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



74.8707, 91.6772, 13.9803



84.6876, 95.7790, 57.7667



41.4174, 21.5444, 2.2064



17.8762, 20.3981, 11.1534



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.



74.8707, 91.6772, 13.9803



74.7570, 91.6237, 13.7450



44.6168, 76.0807, 12.5644



19.5150, 21.0669, 19.1821



39.0819, 47.8855, 7.1830



3.8186, 4.6693, 0.7000

Inverse Universe

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



18.3190, 7.4882, 95.0876



18.1276, 7.2600, 95.0536



28.2316, 12.5984, 95.5515



17.0438, 17.3988, 22.7099



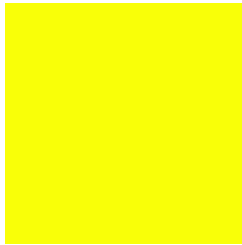
9.4897, 3.8026, 49.6684



0.9377, 0.3773, 4.8367

Previews

White Background



This preview shows how the XYZ color 74.8708, 91.6773, 13.9791 looks on a white background.

Color Contrast Check

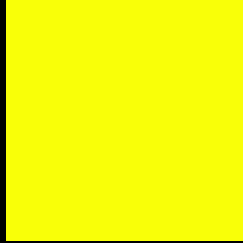
Large Text (above 18pt) WCAG AA × Fail

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 74.8708, 91.6773, 13.9791 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 74.8708, 91.6773, 13.9791

Background



This preview shows how black text looks on a background with the XYZ color 74.8708, 91.6773, 13.9791.

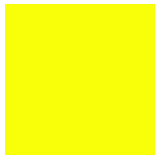


This preview shows how white text looks on a background with the XYZ color 74.8708, 91.6773,

Color Blindness Simulation

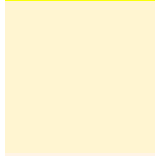
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



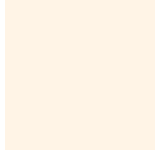
Original Color

74.8708, 91.6773, 13.9791



Protanopia

85.4010, 91.1683, 73.4177



Deuteranopia

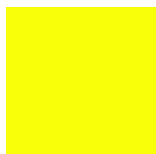
87.8736, 91.6745, 87.9264



Tritanopia

90.2474, 91.6664, 103.3793

Trichromacy



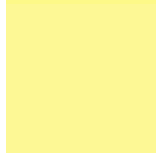
Original Color

74.8708, 91.6773, 13.9791



Protanomaly

78.8276, 90.4116, 36.5891



Deuteranomaly

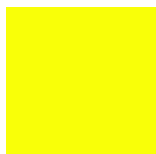
79.5002, 90.1874, 41.6516



Tritanomaly

80.2904, 90.0128, 47.3249

Monochromacy



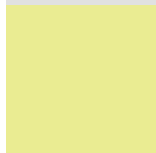
Original Color

74.8708, 91.6773, 13.9791



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

69.1154, 79.5587, 38.9077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8708, 91.6773, 13.9791 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(249, 255, 8)` looks like.

```
.text, #text, p{  
    color:rgb(249, 255, 8)  
}
```

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(249, 255, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 8) }
```

Border

The CSS property to change the border of an element to XYZ 74.8708, 91.6773, 13.9791 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(249, 255, 8) }
```


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

```
.border{ border-color:rgb(249, 255, 8) }
```

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

Here you see how a box with a 4 pixel rgb(249, 255, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 255, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 255, 8);  
box-shadow:4px 4px 4px 4px rgb(249, 255,  
8) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8708, 91.6773, 13.9791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 255, 8) }
```

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

```
.background{ background-color: rgb(249,  
255, 8) }
```

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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