

Converting Colors

XYZ(76.0237, 92.2767, 13.8043)

Have a look what the booklet for
XYZ(76.0237, 92.2767, 13.8043)
contains.

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Color

**XYZ(75.9049, 92.2154,
13.7987)**

Conversions

Conversions Part 1

Format	Color
Hex	FCFF00
RGB	252, 255, 0
RGB Percent	99%, 100%, 0%
CMY	0.0118, 0.0000, 0.9998
CMYK	0.01, 0.00, 1.00, 0.00
HSL	61°, 100%, 50%
HSV	61°, 100%, 100%
XYZ	75.9049, 92.2154, 13.7987
YIQ	225.0330, 80.0670, -79.9410

Conversions

Conversions Part 2

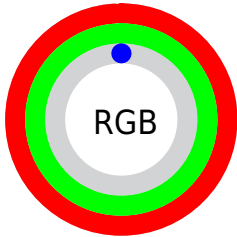
Format	Color
RYB	0, 255, 3
Decimal	16580352
CIELab	96.91, -22.78, 94.21
CIELCh	97, 96.926, 103.596
Yxy	92.2154, 0.4172, 0.5069
Android (android.graphics.Color)	4294770432 (0xFFFCFF00)
YUV	225.0330, -110.9413, 23.6501
Hunter-Lab	96.0288, -26.9572, 58.7006

Details

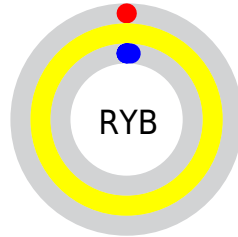
The XYZ color **75.9049, 92.2154, 13.7987** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **18.0885, 7.2405, 95.0519**, and the grayscale version is **72.3269, 76.0936, 82.8659**.

A 20% lighter version of the original color is **79.1113, 93.6245, 24.9681**, and **41.9093, 51.9232, 7.8133** is the 20% darker color. If you saturate the color by 10%, you get **75.9044, 92.2152, 13.7987**, and if you desaturate by 10%, it is **76.1947, 92.3439, 14.7588**.

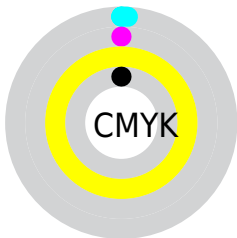
Distribution



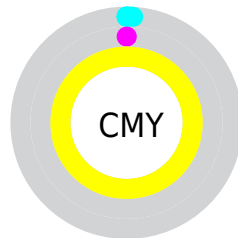
- Red (99%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (1%)



- Cyan (1%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.9049, 92.2154, 13.7987 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 75.9049, 92.2154, 13.7987 by changing the saturation by 10% instead.


 75.9049, 92.2154,
13.7987


 75.9049, 92.2154,
13.7987


469.9715,
535.2114, 227.3596

 56.6513, 69.8195,
7.8436


 126.5735,
150.4119, 33.4434

 40.9644, 51.3794,
3.9087


 158.7193,
186.9813, 47.9701


 28.4788, 36.5107,
1.5754

 195.8932,
229.0441, 66.1911

 18.8292, 24.8289,
0.2732

 238.4605,
276.9845, 88.5250

 11.6502, 15.9496,
0.0000

 286.7866,
331.1871, 115.3902

 6.5765, 9.4885,
0.0000

 341.2369,

 3.2426, 5.0612,

392.0362, 147.2054

0.0000

402.1768,
459.9162, 184.3890

■ 1.2833, 2.2832,
0.0000

■ 0.1707, 0.7648,
0.0000

■ 75.9049, 92.2154,
13.7987

■ 75.9049, 92.2154,
13.7987

■ 75.9044, 92.2152,
13.7987

■ 76.1947, 92.3439,
14.7588

■ 76.7208, 92.5669,
16.9601

■ 77.5548, 92.9131,
20.7826

■ 78.7410, 93.4002,
26.4585

■ 80.3162, 94.0430,
34.1824

■ 82.3129, 94.8543,
44.1243

■ 84.7598, 95.8458,
56.4366

■ 87.6835, 97.0279,
71.2582

■ 91.1081, 98.4105,
88.7172

Harmonies

Analogous

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



103.2846, 92.2154, 14.3115



75.9049, 92.2154, 13.7987



56.2688, 92.2154, 26.2482

Triad

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



75.9049, 92.2154, 13.7987



54.9292, 92.2154, 243.3996



148.0936, 92.2154, 148.9969

Complementary

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



75.9049, 92.2154, 13.7987



18.0885, 7.2405, 95.0519

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.



128.9459, 92.2154, 252.8986



75.9049, 92.2154, 13.7987



73.6750, 92.2154, 323.9406

Square

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



75.9049, 92.2154, 13.7987



45.9648, 92.2154, 139.9505



100.5437, 92.2154, 328.1116



149.0379, 92.2154, 69.1163

Rectangle

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



75.9049, 92.2154, 13.7987



48.6124, 92.2154, 47.3892



100.5437, 92.2154, 328.1116



143.4179, 92.2154, 182.9593

Sweetspot

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



75.9048, 92.2154, 13.7999



84.7557, 95.8441, 56.4158



41.2406, 21.2609, 1.9313



17.9083, 20.4203, 10.9007



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.



75.9048, 92.2154, 13.7999



75.9044, 92.2152, 13.7987



44.5902, 76.0721, 12.3344



19.5389, 21.0792, 19.1832



39.6714, 48.1894, 7.2106



3.8692, 4.6954, 0.7024

Inverse Universe

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



18.0885, 7.2405, 95.0519



18.0876, 7.2394, 95.0518



26.8804, 11.7729, 95.4634



17.0228, 17.3880, 22.7090



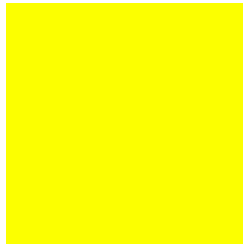
9.4597, 3.7871, 49.6670



0.9277, 0.3722, 4.8362

Previews

White Background



This preview shows how the XYZ color 75.9049, 92.2154, 13.7987 looks on a white background.

Color Contrast Check

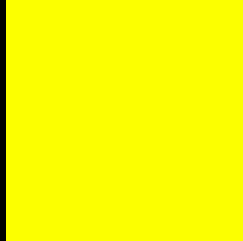
Large Text (above 18pt) WCAG AA × Fail

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 75.9049, 92.2154, 13.7987 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 75.9049, 92.2154, 13.7987

Background



This preview shows how black text looks on a background with the XYZ color 75.9049, 92.2154, 13.7987.

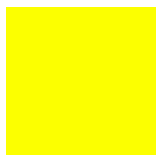


This preview shows how white text looks on a background with the XYZ color 75.9049, 92.2154,

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



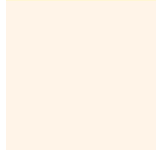
Original Color

75.9049, 92.2154, 13.7987



Protanopia

86.0794, 91.9250, 75.4938



Deuteranopia

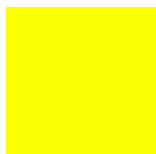
88.1562, 91.7876, 89.4144



Tritanopia

90.5459, 92.2633, 103.4788

Trichromacy



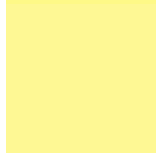
Original Color

75.9049, 92.2154, 13.7987



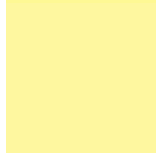
Protanomaly

79.1219, 90.5715, 36.2335



Deuteranomaly

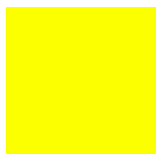
79.7857, 90.3438, 41.2499



Tritanomaly

80.3918, 90.0956, 45.9540

Monochromacy



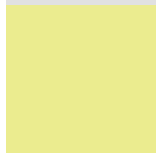
Original Color

75.9049, 92.2154, 13.7987



Achromatopsia

71.5672, 75.2942, 81.9954



Achromatomaly

69.2143, 79.6362, 37.7099

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9049, 92.2154, 13.7987 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(252, 255, 0)` looks like.

```
.text, #text, p{  
    color:rgb(252, 255, 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(252, 255, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 0) }
```

Border

The CSS property to change the border of an element to XYZ 75.9049, 92.2154, 13.7987 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(252, 255, 0) }
```


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

```
.border{ border-color:rgb(252, 255, 0) }
```

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

Here you see how a box with a 4 pixel rgb(252, 255, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 0);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9049, 92.2154, 13.7987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 255, 0) }
```

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

```
.background{ background-color: rgb(252,  
255, 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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