

Converting Colors

XYZ(75.9444, 92.2150, 14.7432)

Have a look what the booklet for
XYZ(75.9444, 92.2150, 14.7432)
contains.

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Color

**XYZ(76.0804, 92.2856,
14.7228)**

Conversions

Conversions Part 1

Format	Color
Hex	FCFF19
RGB	252, 255, 25
RGB Percent	99%, 100%, 10%
CMY	0.0118, 0.0000, 0.9019
CMYK	0.01, 0.00, 0.90, 0.00
HSL	61°, 100%, 55%
HSV	61°, 90%, 100%
XYZ	76.0804, 92.2856, 14.7228
YIQ	227.8830, 72.0420, -72.1660

Conversions

Conversions Part 2

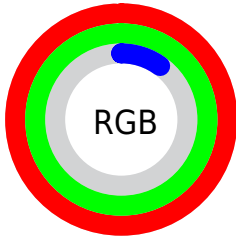
Format	Color
R _Y B	25, 255, 28
Decimal	16580377
CIE Lab	96.94, -22.55, 92.07
CIE LCh	97, 94.787, 103.763
Yxy	92.2856, 0.4155, 0.5040
Android (android.graphics.Color)	4294770457 (0xFFFCFF19)
YUV	227.8830, -100.0213, 21.1506
Hunter-Lab	96.0654, -26.7487, 58.1591

Details

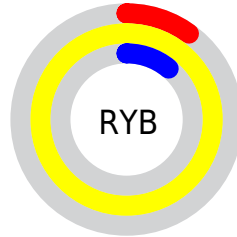
The XYZ color **76.0804, 92.2856, 14.7228** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light washed yellow. A complement of this color would be **18.8776, 8.1634, 95.1885**, and the grayscale version is **74.3299, 78.2008, 85.1607**.

A 20% lighter version of the original color is **79.4482, 93.7593, 26.7419**, and **41.9093, 51.9232, 7.8133** is the 20% darker color. If you saturate the color by 10%, you get **75.7865, 92.1544, 13.7932**, and if you desaturate by 10%, it is **76.6123, 92.5123, 16.8957**.

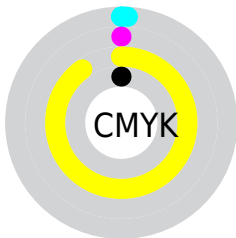
Distribution



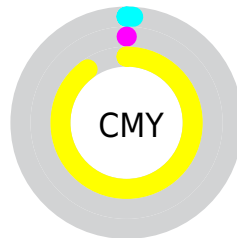
- Red (99%)
- Green (100%)
- Blue (10%)



- Red (10%)
- Yellow (100%)
- Blue (11%)



- Cyan (1%)
- Magenta (0%)
- Yellow (90%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.0804, 92.2856, 14.7228 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 76.0804, 92.2856, 14.7228 by changing the saturation by 10% instead.


 76.0804, 92.2856,
14.7228

 76.0804, 92.2856,
14.7228


470.5630,
535.4381, 233.2649

 56.7957, 69.8779,
8.4806


 126.8203,
150.5092, 35.1015

 41.0808, 51.4270,
4.3118


 159.0062,
187.0938, 50.0752


 28.5701, 36.5485,
1.7979


 196.2233,
229.1728, 68.7964

 18.8985, 24.8581,
0.4266

 238.8369,
277.1307, 91.6837

 11.7005, 15.9714,
0.0000

 287.2122,
331.3517, 119.1557

 6.6109, 9.5039,
0.0000

341.7148,

 3.2641, 5.0713,

392.2204, 151.6309

0.0000

402.7100,
460.1211, 189.5277

■ 1.2949, 2.2892,
0.0000

■ 0.1794, 0.7680,
0.0000

■ 76.0804, 92.2856,
14.7228

■ 76.0804, 92.2856,
14.7228

■ 75.7865, 92.1544,
13.7932

■ 76.6123, 92.5123,
16.8957

■ 77.4513, 92.8619,
20.6834

■ 78.6417, 93.3520,
26.3202

■ 80.2205, 93.9975,
34.0013

■ 82.2201, 94.8114,
43.8972

■ 84.6695, 95.8052,
56.1606

■ 87.5951, 96.9895,
70.9305

■ 91.0213, 98.3741,
88.3353

94.9708, 99.9680,
108.4948

Harmonies

Analogous

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



102.8353, 92.2856, 15.1831



76.0804, 92.2856, 14.7228



56.8330, 92.2856, 27.3970

Triad

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



76.0804, 92.2856, 14.7228



55.6701, 92.2856, 239.9936



146.6795, 92.2856, 147.3510

Complementary

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



76.0804, 92.2856, 14.7228



18.8776, 8.1634, 95.1885

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.



128.1428, 92.2856, 248.0849



76.0804, 92.2856, 14.7228



74.1541, 92.2856, 317.4802

Square

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



76.0804, 92.2856, 14.7228



46.7664, 92.2856, 139.5948



100.4784, 92.2856, 321.0229



147.4873, 92.2856, 69.4584

Rectangle

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



76.0804, 92.2856, 14.7228



49.3149, 92.2856, 48.5705



100.4784, 92.2856, 321.0229



142.1687, 92.2856, 180.3169

Sweetspot

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



76.0803, 92.2856, 14.7240



85.5492, 96.1616, 60.5901



41.7638, 22.0265, 2.9713



18.1098, 20.5010, 11.9553



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.



76.0803, 92.2856, 14.7240



75.7865, 92.1544, 13.7932



46.7527, 77.1667, 13.3515



19.5364, 21.0780, 19.1831



39.6108, 48.1582, 7.2078



3.8640, 4.6927, 0.7021

Inverse Universe

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



18.8776, 8.1634, 95.1885



18.0916, 7.2415, 95.0519



29.2151, 13.4926, 95.6723



17.0249, 17.3891, 22.7091



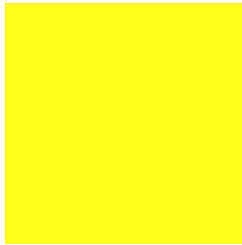
9.4627, 3.7887, 49.6671



0.9287, 0.3727, 4.8363

Previews

White Background



This preview shows how the XYZ color 76.0804, 92.2856, 14.7228 looks on a white background.

Color Contrast Check

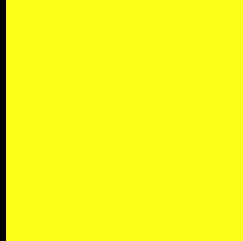
Large Text (above 18pt) WCAG AA × Fail

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 76.0804, 92.2856, 14.7228 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 76.0804, 92.2856, 14.7228

Background



This preview shows how black text looks on a background with the XYZ color 76.0804, 92.2856, 14.7228.



This preview shows how white text looks on a background with the XYZ color 76.0804, 92.2856,

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



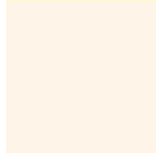
Original Color

76.0804, 92.2856, 14.7228



Protanopia

86.2060, 91.9756, 76.1603



Deuteranopia

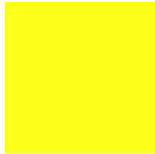
88.1562, 91.7876, 89.4144



Tritanopia

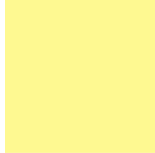
90.5459, 92.2633, 103.4788

Trichromacy



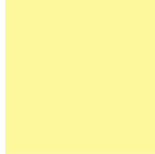
Original Color

76.0804, 92.2856, 14.7228



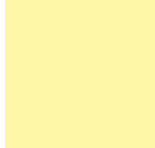
Protanomaly

79.8596, 90.8665, 40.1180



Deuteranomaly

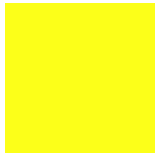
80.5263, 90.6400, 45.1494



Tritanomaly

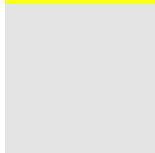
81.2017, 90.4195, 50.2187

Monochromacy



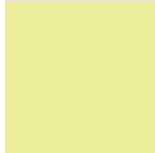
Original Color

76.0804, 92.2856, 14.7228



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

71.3323, 81.4867, 42.5407

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.0804, 92.2856, 14.7228 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, 25)` looks like.

```
.text, #text, p{  
    color:rgb(252, 255, 25)  
}
```

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, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 25) }
```

Border

The CSS property to change the border of an element to XYZ 76.0804, 92.2856, 14.7228 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, 25) }
```


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

```
.border{ border-color:rgb(252, 255, 25) }
```

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, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 25);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 76.0804, 92.2856, 14.7228 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, 25) }
```

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

```
.background{ background-color: rgb(252,  
255, 25) }
```

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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