

Converting Colors

XYZ(77.0757, 92.8103, 14.2486)

Have a look what the booklet for
XYZ(77.0757, 92.8103, 14.2486)
contains.

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Color

**XYZ(77.0793, 92.8117,
14.2674)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFF0E
RGB	255, 255, 14
RGB Percent	100%, 100%, 5%
CMY	0.0000, 0.0000, 0.9450
CMYK	0.00, 0.00, 0.94, 0.00
HSL	60°, 100%, 53%
HSV	60°, 94%, 100%
XYZ	77.0793, 92.8117, 14.2674
YIQ	227.5260, 77.3610, -74.9510

Conversions

Conversions Part 2

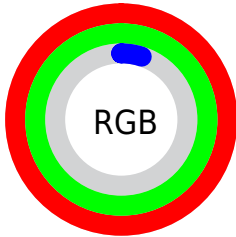
Format	Color
R _Y B	14, 255, 14
Decimal	16776974
CIE Lab	97.15, -21.45, 93.50
CIE LCh	97, 95.933, 102.921
Yxy	92.8117, 0.4185, 0.5040
Android (android.graphics.Color)	4294967054 (0xFFFFFFFF0E)
YUV	227.5260, -105.2683, 24.0947
Hunter-Lab	96.3388, -25.7777, 58.6566

Details

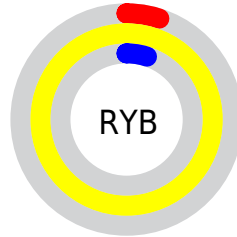
The XYZ color **77.0793, 92.8117, 14.2674** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **18.3891, 7.6286, 95.1110**, and the grayscale version is **74.1032, 77.9623, 84.9010**.

A 20% lighter version of the original color is **79.2521, 93.6809, 25.7096**, and **42.4157, 52.1843, 7.8370** is the 20% darker color. If you saturate the color by 10%, you get **76.9997, 92.7798, 13.8500**, and if you desaturate by 10%, it is **77.3748, 92.9299, 15.8252**.

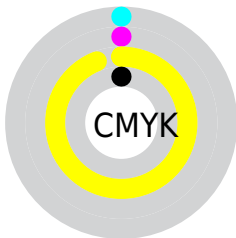
Distribution



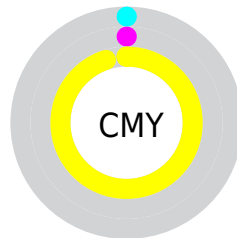
- Red (100%)
- Green (100%)
- Blue (5%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (94%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.0793, 92.8117, 14.2674 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 77.0793, 92.8117, 14.2674 by changing the saturation by 10% instead.


 77.0793, 92.8117,
14.2674


 77.0793, 92.8117,
14.2674


473.9222,
537.1354, 230.3740

 57.6181, 70.3150,
8.1660


 128.2237,
151.2379, 34.2867

 41.7438, 51.7834,
4.1121


 160.6376,
187.9362, 49.0416


 29.0909, 36.8324,
1.6870


 198.0997,
230.1371, 67.5182

 19.2943, 25.0778,
0.3518

 240.9755,
278.2251, 90.1349

 11.9884, 16.1350,
0.0000

 289.6303,
332.5845, 117.3103

 6.8079, 9.6197,
0.0000

344.4294,

 3.3875, 5.1476,

393.5998, 149.4629

0.0000

405.7383,
461.6553, 187.0113

■ 1.3618, 2.3341,
0.0000

■ 0.2288, 0.7917,
0.0000

■ 77.0793, 92.8117,
14.2674

■ 77.0793, 92.8117,
14.2674

■ 76.9997, 92.7798,
13.8500

■ 77.3748, 92.9299,
15.8252

■ 77.9549, 93.1619,
18.8794

■ 78.8680, 93.5272,
23.6879

■ 80.1541, 94.0416,
30.4602

81.8473, 94.7189,
39.3764

83.9780, 95.5712,
50.5960

86.5735, 96.6094,
64.2637

89.6591, 97.8436,
80.5122

93.2582, 99.2833,
99.4647

Harmonies

Analogous

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



104.4028, 92.8117, 15.0400



77.0793, 92.8117, 14.2674



57.3022, 92.8117, 26.4788

Triad

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



77.0793, 92.8117, 14.2674



55.3224, 92.8117, 240.3710



147.9163, 92.8117, 151.4673

Complementary

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



77.0793, 92.8117, 14.2674



18.3891, 7.6286, 95.1110

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.



128.6239, 92.8117, 254.2586



77.0793, 92.8117, 14.2674



73.7929, 92.8117, 321.0454

Square

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



77.0793, 92.8117, 14.2674



46.5834, 92.8117, 138.1918



100.3741, 92.8117, 327.1333



149.3002, 92.8117, 71.2516

Rectangle

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



77.0793, 92.8117, 14.2674



49.5095, 92.8117, 47.2497



100.3741, 92.8117, 327.1333



143.1545, 92.8117, 185.2456

Sweetspot

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



77.0792, 92.8116, 14.2686



85.6098, 96.2239, 59.1888



41.4770, 21.6067, 2.4011



18.0873, 20.5012, 11.4222



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.



77.0792, 92.8116, 14.2686



76.9997, 92.7798, 13.8500



45.7535, 76.6627, 12.8025



19.5613, 21.0908, 19.1843



40.2340, 48.4795, 7.2369



3.9174, 4.7203, 0.7046

Inverse Universe

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



18.3891, 7.6286, 95.1110



18.0500, 7.2200, 95.0500



28.1215, 12.6458, 95.5665



17.0031, 17.3778, 22.7080



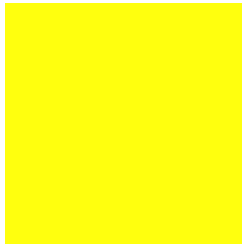
9.4315, 3.7726, 49.6657



0.9183, 0.3673, 4.8358

Previews

White Background



This preview shows how the XYZ color 77.0793, 92.8117, 14.2674 looks on a white background.

Color Contrast Check

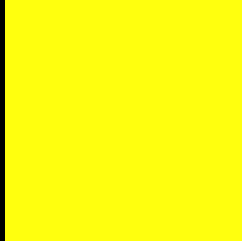
Large Text (above 18pt) WCAG AA × Fail

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 77.0793, 92.8117, 14.2674 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 77.0793, 92.8117, 14.2674

Background



This preview shows how black text looks on a background with the XYZ color 77.0793, 92.8117, 14.2674.



This preview shows how white text looks on a background with the XYZ color 77.0793, 92.8117,

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



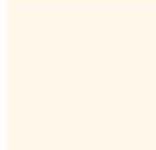
Original Color

77.0793, 92.8117, 14.2674



Protanopia

86.8954, 92.7394, 78.2864



Deuteranopia

88.7437, 92.5053, 91.0199



Tritanopia

90.8460, 92.8635, 103.5788

Trichromacy



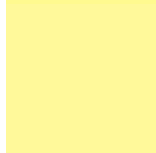
Original Color

77.0793, 92.8117, 14.2674



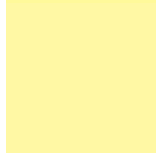
Protanomaly

80.3835, 91.6144, 39.4333



Deuteranomaly

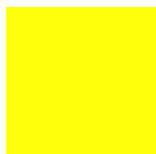
80.9484, 91.3445, 43.9367



Tritanomaly

81.5082, 91.0751, 48.4053

Monochromacy



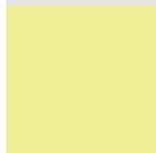
Original Color

77.0793, 92.8117, 14.2674



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

71.3395, 81.5282, 40.8307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0793, 92.8117, 14.2674 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(255, 255, 14)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 14)  
}
```

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(255, 255, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 14) }
```

Border

The CSS property to change the border of an element to XYZ 77.0793, 92.8117, 14.2674 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(255, 255, 14) }
```


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

```
.border{ border-color:rgb(255, 255, 14) }
```

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

Here you see how a box with a 4 pixel rgb(255, 255, 14) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 14);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
14) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0793, 92.8117, 14.2674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 255, 14) }
```

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

```
.background{ background-color: rgb(255,  
255, 14) }
```

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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