

Converting Colors

XYZ(77.0467, 92.7987, 14.0959)

Have a look what the booklet for
XYZ(77.0467, 92.7987, 14.0959)
contains.

XYZ(77.0493, 92.7997, 14.1097)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(77.0493, 92.7997,
14.1097)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFF09
RGB	255, 255, 9
RGB Percent	100%, 100%, 4%
CMY	0.0000, 0.0000, 0.9645
CMYK	0.00, 0.00, 0.96, 0.00
HSL	60°, 100%, 52%
HSV	60°, 96%, 100%
XYZ	77.0493, 92.7997, 14.1097
YIQ	226.9560, 78.9660, -76.5060

Conversions

Conversions Part 2

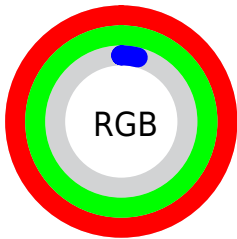
Format	Color
R_{YB}	9, 255, 9
Decimal	16776969
CIE _{Lab}	97.15, -21.49, 93.87
CIE _{LCh}	97, 96.300, 102.895
Yxy	92.7997, 0.4188, 0.5045
Android (android.graphics.Color)	4294967049 (0xFFFFFFFF09)
YUV	226.9560, -107.4523, 24.5946
Hunter-Lab	96.3326, -25.8131, 58.7487

Details

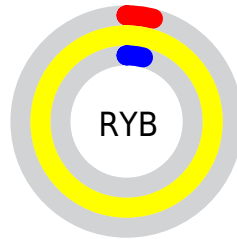
The XYZ color **77.0493, 92.7997, 14.1097** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **18.2613, 7.4747, 95.0880**, and the grayscale version is **73.7012, 77.5394, 84.4404**.

A 20% lighter version of the original color is **79.2046, 93.6618, 25.4593**, and **42.4157, 52.1843, 7.8370** is the 20% darker color. If you saturate the color by 10%, you get **76.9996, 92.7798, 13.8500**, and if you desaturate by 10%, it is **77.2963, 92.8985, 15.4120**.

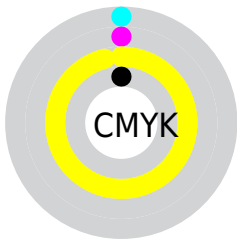
Distribution



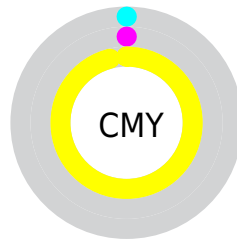
- Red (100%)
- Green (100%)
- Blue (4%)



- Red (4%)
- Yellow (100%)
- Blue (4%)



- Cyan (0%)
- Magenta (0%)
- Yellow (96%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.0493, 92.7997, 14.1097 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 77.0493, 92.7997, 14.1097 by changing the saturation by 10% instead.


 77.0493, 92.7997,
14.1097

 77.0493, 92.7997,
14.1097


473.8215,
537.0967, 229.3643

 57.5934, 70.3050,
8.0574


 128.1815,
151.2213, 34.0035


 41.7238, 51.7753,
4.0434


 160.5886,
187.9170, 48.6820


 29.0753, 36.8260,
1.6492


 198.0434,
230.1151, 67.0730

 19.2823, 25.0728,
0.3256

 240.9114,
278.2001, 89.5951

 11.9797, 16.1313,
0.0000

 289.5578,
332.5564, 116.6667

 6.8019, 9.6171,
0.0000

344.3480,

 3.3838, 5.1458,

393.5683, 148.7064

0.0000

405.6475,
461.6203, 186.1328

■ 1.3598, 2.3331,
0.0000

■ 0.2273, 0.7911,
0.0000

■ 77.0493, 92.7997,
14.1097

■ 77.0493, 92.7997,
14.1097


■ 76.9996, 92.7798,
13.8500

■ 77.2963, 92.8985,
15.4120


■ 77.8165, 93.1066,
18.1508


■ 78.6611, 93.4444,
22.5984


■ 79.8714, 93.9285,
28.9715

 81.4824, 94.5730,
37.4550

 83.5252, 95.3901,
48.2120

 86.0277, 96.3911,
61.3899

 89.0156, 97.5862,
77.1234

 92.5124, 98.9850,
95.5374

Harmonies

Analogous

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



104.4808, 92.7997, 14.8894



77.0493, 92.7997, 14.1097



57.2051, 92.7997, 26.2841

Triad

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



77.0493, 92.7997, 14.1097



55.1956, 92.7997, 240.9514



148.1590, 92.7997, 151.7545

Complementary

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



77.0493, 92.7997, 14.1097



18.2613, 7.4747, 95.0880

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.



128.7613, 92.7997, 255.0929



77.0493, 92.7997, 14.1097



73.7109, 92.7997, 322.1528

Square

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



77.0493, 92.7997, 14.1097



46.4459, 92.7997, 138.2513



100.3850, 92.7997, 328.3551



149.5672, 92.7997, 71.1926

Rectangle

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



77.0493, 92.7997, 14.1097



49.3887, 92.7997, 47.0494



100.3850, 92.7997, 328.3551



143.3687, 92.7997, 185.7055

Sweetspot

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



77.0492, 92.7996, 14.1109



85.3455, 96.1182, 57.7974



41.3877, 21.4761, 2.2236



18.0377, 20.4813, 11.1609



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.



77.0492, 92.7996, 14.1109



76.9996, 92.7798, 13.8500



45.3286, 76.4471, 12.6264



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.



18.2613, 7.4747, 95.0880



18.0500, 7.2200, 95.0500



27.6672, 12.3235, 95.5282



17.0031, 17.3778, 22.7080



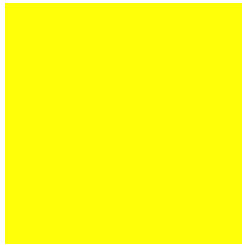
9.4315, 3.7726, 49.6657



0.9183, 0.3673, 4.8358

Previews

White Background



This preview shows how the XYZ color 77.0493, 92.7997, 14.1097 looks on a white background.

Color Contrast Check

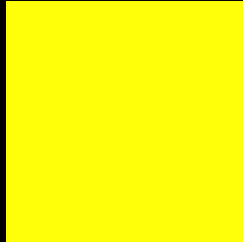
Large Text (above 18pt) WCAG AA × Fail

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 77.0493, 92.7997, 14.1097 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 77.0493, 92.7997, 14.1097

Background



This preview shows how black text looks on a background with the XYZ color 77.0493, 92.7997, 14.1097.



This preview shows how white text looks on a background with the XYZ color 77.0493, 92.7997,

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



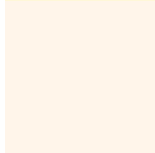
Original Color

77.0493, 92.7997, 14.1097



Protanopia

86.8954, 92.7394, 78.2864



Deuteranopia

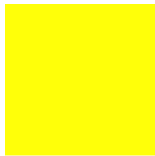
88.7437, 92.5053, 91.0199



Tritanopia

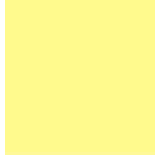
90.6896, 92.8009, 102.7550

Trichromacy



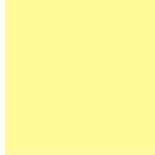
Original Color

77.0493, 92.7997, 14.1097



Protanomaly

80.2333, 91.5543, 38.6423



Deuteranomaly

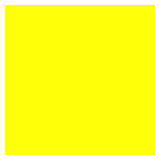
80.7832, 91.2784, 43.0665



Tritanomaly

81.3290, 91.0034, 47.4613

Monochromacy



Original Color

77.0493, 92.7997, 14.1097



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

70.5545, 80.7110, 39.8771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0493, 92.7997, 14.1097 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, 9)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 9)  
}
```

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, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 9) }
```

Border

The CSS property to change the border of an element to XYZ 77.0493, 92.7997, 14.1097 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, 9) }
```


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

```
.border{ border-color:rgb(255, 255, 9) }
```

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, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 9);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
9) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0493, 92.7997, 14.1097 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, 9) }
```

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

```
.background{ background-color: rgb(255,  
255, 9) }
```

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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