

Converting Colors

XYZ(76.3093, 91.1945, 14.2488)

Have a look what the booklet for
XYZ(76.3093, 91.1945, 14.2488)
contains.

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Color

**XYZ(76.1767, 90.9313,
14.1984)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFC14
RGB	255, 252, 20
RGB Percent	100%, 99%, 8%
CMY	0.0000, 0.0117, 0.9215
CMYK	0.00, 0.01, 0.92, 0.00
HSL	59°, 100%, 54%
HSV	59°, 92%, 100%
XYZ	76.1767, 90.9313, 14.1984
YIQ	226.4490, 76.2600, -71.5160

Conversions

Conversions Part 2

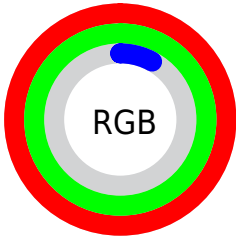
Format	Color
RYB	23, 255, 20
Decimal	16776212
CIELab	96.38, -19.96, 92.34
CIELCh	96, 94.475, 102.198
Yxy	90.9313, 0.4202, 0.5015
Android (android.graphics.Color)	4294966292 (0xFFFFFC14)
YUV	226.4490, -101.7794, 25.0392
Hunter-Lab	95.3579, -24.2815, 57.9225

Details

The XYZ color **76.1767, 90.9313, 14.1984** 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 **18.6456, 7.9824, 95.1651**, and the grayscale version is **73.2941, 77.1111, 83.9740**.

A 20% lighter version of the original color is **79.3003, 93.7001, 25.9630**, and **41.9881, 50.9492, 7.6212** is the 20% darker color. If you saturate the color by 10%, you get **75.9722, 90.7249, 13.5075**, and if you desaturate by 10%, it is **76.6382, 91.2826, 16.1160**.

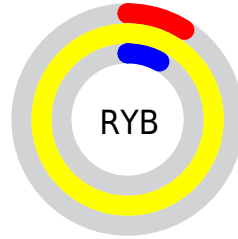
Distribution



Red (100%)

Green (99%)

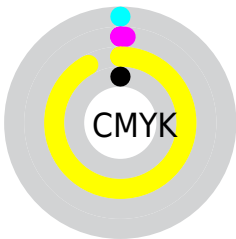
Blue (8%)



Red (9%)

Yellow (100%)

Blue (8%)

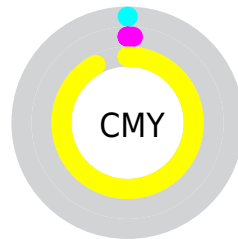


Cyan (0%)

Magenta (1%)

Yellow (92%)

Black (0%)



Cyan (0%)


Magenta (1%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.1767, 90.9313, 14.1984 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 76.1767, 90.9313, 14.1984 by changing the saturation by 10% instead.


 76.1767, 90.9313,
14.1984

 76.1767, 90.9313,
14.1984


470.8875,
531.0557, 229.9328

 56.8750, 68.7533,
8.1185


 126.9557,
148.6313, 34.1628


 41.1446, 50.5108,
4.0820


 159.1636,
184.9222, 48.8844


 28.6203, 35.8195,
1.6704


 196.4044,
226.6861, 67.3236

 18.9366, 24.2948,
0.3403

 239.0433,
274.3075, 89.8989

 11.7282, 15.5524,
0.0000

 287.4457,
328.1708, 117.0290

 6.6298, 9.2080,
0.0000

341.9769,

 3.2759, 4.8771,

388.6603, 149.1323

0.0000

403.0024,
456.1605, 186.6274

■ 1.3013, 2.1753,
0.0000

■ 0.1842, 0.7065,
0.0000

■ 76.1767, 90.9313,
14.1984

■ 76.1767, 90.9313,
14.1984


■ 75.9722, 90.7249,
13.5075

■ 76.6382, 91.2826,
16.1160


■ 77.3947, 91.7489,
19.5956


■ 78.4946, 92.3527,
24.8821


■ 79.9760, 93.1094,
32.1770

 81.8721, 94.0323,
41.6549

 84.2125, 95.1332,
53.4716

 87.0241, 96.4228,
67.7685

 90.3316, 97.9111,
84.6759

 94.1580, 99.6072,
104.3152

Harmonies

Analogous

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



102.8275, 90.9313, 15.2261



76.1767, 90.9313, 14.1984



56.7160, 90.9313, 25.8073

Triad

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



76.1767, 90.9313, 14.1984



54.1171, 90.9313, 231.6255



144.0691, 90.9313, 150.2127

Complementary

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



76.1767, 90.9313, 14.1984



18.6456, 7.9824, 95.1651

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.



125.0386, 90.9313, 249.7188



76.1767, 90.9313, 14.1984



71.8710, 90.9313, 310.8195

Square

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



76.1767, 90.9313, 14.1984



45.8241, 90.9313, 132.8709



97.5589, 90.9313, 318.7419



145.8753, 90.9313, 71.4520

Rectangle

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



76.1767, 90.9313, 14.1984



48.9693, 90.9313, 45.6577



97.5589, 90.9313, 318.7419



139.3198, 90.9313, 183.0824

Sweetspot

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



76.1788, 90.9356, 14.2003



85.3205, 95.6452, 59.0924



41.6546, 21.8267, 2.8785



18.0158, 20.3583, 11.3983



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.



76.1788, 90.9356, 14.2003



75.9728, 90.7255, 13.5076



46.9437, 77.2704, 13.1035



19.5403, 21.0487, 19.1773



39.7065, 47.4242, 7.0610



3.8722, 4.6298, 0.6896

Inverse Universe

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



18.6456, 7.9824, 95.1651



18.0852, 7.2905, 95.0617



28.0677, 12.7563, 95.5900



17.0216, 17.4148, 22.7142



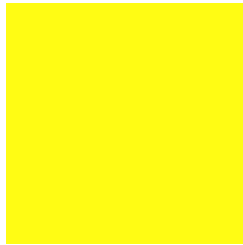
9.4579, 3.8255, 49.6745



0.9271, 0.3849, 4.8387

Previews

White Background



This preview shows how the XYZ color 76.1767, 90.9313, 14.1984 looks on a white background.

Color Contrast Check

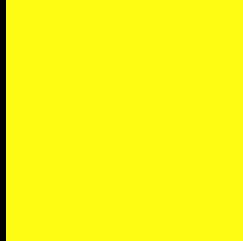
Large Text (above 18pt) WCAG AA × Fail

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 76.1767, 90.9313, 14.1984 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 76.1767, 90.9313, 14.1984

Background



This preview shows how black text looks on a background with the XYZ color 76.1767, 90.9313, 14.1984.



This preview shows how white text looks on a background with the XYZ color 76.1767, 90.9313,

Color Blindness Simulation

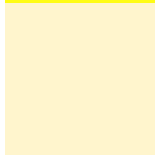
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



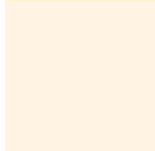
Original Color

76.1767, 90.9313, 14.1984



Protanopia

84.9119, 90.9726, 70.8417



Deuteranopia

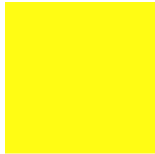
87.2942, 90.9626, 86.3554



Tritanopia

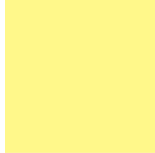
89.6386, 90.9479, 101.6372

Trichromacy



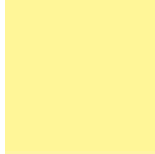
Original Color

76.1767, 90.9313, 14.1984



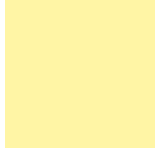
Protanomaly

79.3948, 90.2298, 37.2763



Deuteranomaly

79.8633, 89.4385, 42.7599



Tritanomaly

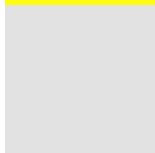
80.6839, 89.2814, 48.5779

Monochromacy



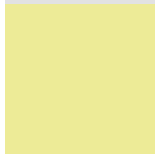
Original Color

76.1767, 90.9313, 14.1984



Achromatopsia

72.2879, 76.0525, 82.8211



Achromatomaly

70.2193, 79.6556, 40.9523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1767, 90.9313, 14.1984 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, 252, 20)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 20)  
}
```

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, 252, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 20) }
```

Border

The CSS property to change the border of an element to XYZ 76.1767, 90.9313, 14.1984 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, 252, 20) }
```


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

```
.border{ border-color:rgb(255, 252, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 20);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
20) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1767, 90.9313, 14.1984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 20) }
```

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

```
.background{ background-color: rgb(255,  
252, 20) }
```

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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