

Converting Colors

XYZ(77.0380, 92.7952, 14.0521)

Have a look what the booklet for
XYZ(77.0380, 92.7952, 14.0521)
contains.

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Color

**XYZ(77.0384, 92.7953,
14.0520)**

Conversions

Conversions Part 1

Format	Color
Hex	FFFF07
RGB	255, 255, 7
RGB Percent	100%, 100%, 3%
CMY	0.0000, 0.0000, 0.9724
CMYK	0.00, 0.00, 0.97, 0.00
HSL	60°, 100%, 51%
HSV	60°, 97%, 100%
XYZ	77.0384, 92.7953, 14.0520
YIQ	226.7280, 79.6080, -77.1280

Conversions

Conversions Part 2

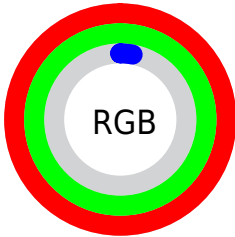
Format	Color
R _Y B	7, 255, 7
Decimal	16776967
CIE Lab	97.14, -21.51, 94.01
CIE LCh	97, 96.435, 102.885
Yxy	92.7953, 0.4189, 0.5046
Android (android.graphics.Color)	4294967047 (0xFFFFFFFF07)
YUV	226.7280, -108.3259, 24.7945
Hunter-Lab	96.3303, -25.8260, 58.7824

Details

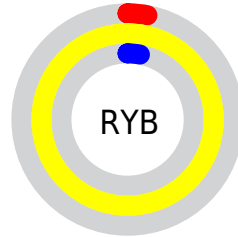
The XYZ color **77.0384, 92.7953, 14.0520** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **18.2146, 7.4183, 95.0796**, and the grayscale version is **73.5406, 77.3704, 84.2564**.

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 **76.9997, 92.7799, 13.8500**, and if you desaturate by 10%, it is **77.2679, 92.8871, 15.2620**.

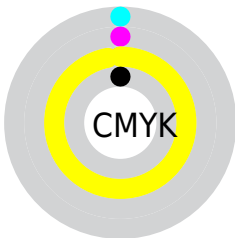
Distribution



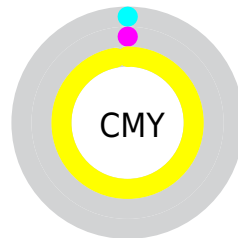
- Red (100%)
- Green (100%)
- Blue (3%)



- Red (3%)
- Yellow (100%)
- Blue (3%)



- Cyan (0%)
- Magenta (0%)
- Yellow (97%)
- Black (0%)



- Cyan (0%)
- Magenta (0%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.0384, 92.7953, 14.0520 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 77.0384, 92.7953, 14.0520 by changing the saturation by 10% instead.

77.0384, 92.7953,
14.0520

77.0384, 92.7953,
14.0520

473.7849,
537.0825, 228.9938

57.5844, 70.3014,
8.0177

128.1662,
151.2152, 33.8997

41.7166, 51.7723,
4.0183

160.5708,
187.9099, 48.5502

29.0696, 36.8236,
1.6354

198.0230,
230.1071, 66.9098

19.2780, 25.0709,
0.3159

240.8881,
278.1910, 89.3971

11.9765, 16.1299,
0.0000

289.5314,
332.5461, 116.4306

6.7998, 9.6161,
0.0000

344.3185,

3.3824, 5.1452,

393.5568, 148.4288

0.0000

405.6145,
461.6075, 185.8104

■ 1.3591, 2.3327,
0.0000

■ 0.2268, 0.7909,
0.0000

■ 77.0384, 92.7953,
14.0520

■ 77.0384, 92.7953,
14.0520


■ 76.9997, 92.7799,
13.8500


■ 77.2679, 92.8871,
15.2620


■ 77.7646, 93.0858,
17.8774


■ 78.5822, 93.4129,
22.1826


■ 79.7625, 93.8850,
28.3977

 81.3409, 94.5163,
36.7095

 83.3488, 95.3195,
47.2828

 85.8143, 96.3057,
60.2658

 88.7632, 97.4853,
75.7942

 92.2193, 98.8677,
93.9937

Harmonies

Analogous

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



104.5097, 92.7953, 14.8343



77.0384, 92.7953, 14.0520



57.1695, 92.7953, 26.2127

Triad

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



77.0384, 92.7953, 14.0520



55.1489, 92.7953, 241.1645



148.2483, 92.7953, 151.8607

Complementary

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



77.0384, 92.7953, 14.0520



18.2146, 7.4183, 95.0796

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.



128.8117, 92.7953, 255.4006



77.0384, 92.7953, 14.0520



73.6806, 92.7953, 322.5604

Square

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



77.0384, 92.7953, 14.0520



46.3954, 92.7953, 138.2728



100.3889, 92.7953, 328.8053



149.6655, 92.7953, 71.1713

Rectangle

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



77.0384, 92.7953, 14.0520



49.3443, 92.7953, 46.9757



100.3889, 92.7953, 328.8053



143.4474, 92.7953, 185.8753

Sweetspot

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



77.0383, 92.7953, 14.0532



85.3455, 96.1182, 57.7974



41.3550, 21.4283, 2.1587



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.



77.0383, 92.7953, 14.0532



76.9997, 92.7799, 13.8500



45.1620, 76.3624, 12.5614



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.



18.2146, 7.4183, 95.0796



18.0500, 7.2200, 95.0500



27.4898, 12.1999, 95.5137



17.0031, 17.3778, 22.7080



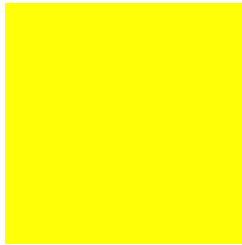
9.4315, 3.7726, 49.6657



0.9183, 0.3673, 4.8358

Previews

White Background



This preview shows how the XYZ color 77.0384, 92.7953, 14.0520 looks on a white background.

Color Contrast Check

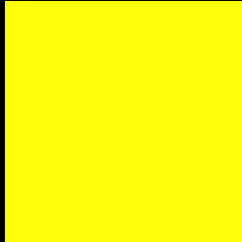
Large Text (above 18pt) WCAG AA × Fail

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 77.0384, 92.7953, 14.0520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

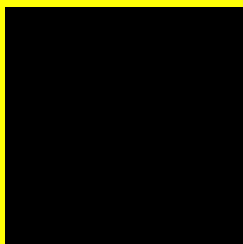
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 77.0384, 92.7953, 14.0520

Background



This preview shows how black text looks on a background with the XYZ color 77.0384, 92.7953, 14.0520.



This preview shows how white text looks on a background with the XYZ color 77.0384, 92.7953,

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



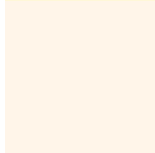
Original Color

77.0384, 92.7953, 14.0520



Protanopia

86.8954, 92.7394, 78.2864



Deuteranopia

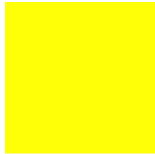
88.6004, 92.4480, 90.2653



Tritanopia

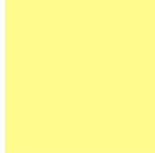
90.6896, 92.8009, 102.7550

Trichromacy



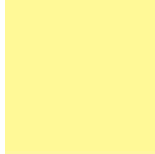
Original Color

77.0384, 92.7953, 14.0520



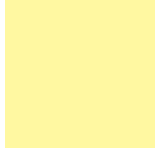
Protanomaly

80.1592, 91.5247, 38.2521



Deuteranomaly

80.7016, 91.2457, 42.6369



Tritanomaly

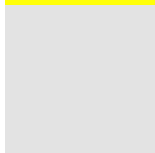
81.2404, 90.9680, 46.9950

Monochromacy



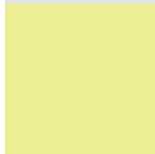
Original Color

77.0384, 92.7953, 14.0520



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

70.4757, 80.6795, 39.4620

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0384, 92.7953, 14.0520 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, 7)` looks like.

```
.text, #text, p{  
    color:rgb(255, 255, 7)  
}
```

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, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 255, 7) }
```

Border

The CSS property to change the border of an element to XYZ 77.0384, 92.7953, 14.0520 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, 7) }
```


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

```
.border{ border-color:rgb(255, 255, 7) }
```

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, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 255, 7); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 255, 7);  
box-shadow:4px 4px 4px 4px rgb(255, 255,  
7) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0384, 92.7953, 14.0520 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, 7) }
```

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

```
.background{ background-color: rgb(255,  
255, 7) }
```

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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