

Converting Colors

XYZ(77.6306, 92.6993, 32.2135)

Have a look what the booklet for
XYZ(77.6306, 92.6993, 32.2135)
contains.

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Color

**XYZ(77.6306, 92.6993,
32.2135)**

Conversions

Conversions Part 1

Format	Color
Hex	F7FF7A
RGB	247, 255, 122
RGB Percent	97%, 100%, 48%
CMY	0.0314, 0.0000, 0.5216
CMYK	0.03, 0.00, 0.52, 0.00
HSL	64°, 100%, 74%
HSV	64°, 52%, 100%
XYZ	77.6306, 92.6993, 32.2135
YIQ	237.4460, 37.9250, -43.0590

Conversions

Conversions Part 2

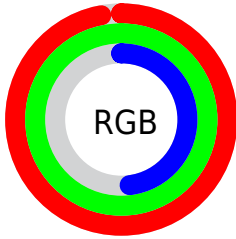
Format	Color
RYB	122, 255, 130
Decimal	16252794
CIELab	97.11, -20.15, 61.74
CIElCh	97, 64.946, 108.071
Yxy	92.6993, 0.3833, 0.4577
Android (android.graphics.Color)	4294442874 (0xFFFF7FF7A)
YUV	237.4460, -56.9149, 8.3789
Hunter-Lab	96.2805, -24.5669, 47.5591

Details

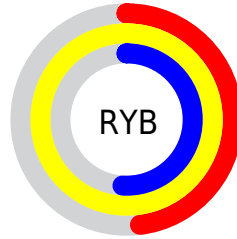
The XYZ color **77.6306, 92.6993, 32.2135** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **34.2165, 25.8861, 97.8009**, and the grayscale version is **81.2440, 85.4751, 93.0823**.

A 20% lighter version of the original color is **85.0359, 95.9944, 56.1664**, and **41.9462, 51.4848, 13.0369** is the 20% darker color. If you saturate the color by 10%, you get **75.7134, 91.8702, 24.9305**, and if you desaturate by 10%, it is **79.9669, 93.6966, 41.6820**.

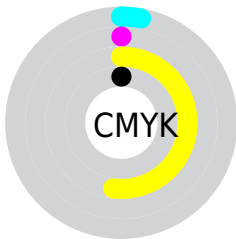
Distribution



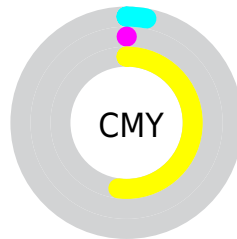
- Red (97%)
- Green (100%)
- Blue (48%)



- Red (48%)
- Yellow (100%)
- Blue (51%)



- Cyan (3%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)



- Cyan (3%)
- Magenta (0%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.6306, 92.6993, 32.2135 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 77.6306, 92.6993, 32.2135 by changing the saturation by 10% instead.

77.6306, 92.6993,
32.2135

77.6306, 92.6993,
32.2135

475.7704,
536.7730, 326.6133

58.0723, 70.2216,
21.2585

128.9974,
151.0822, 64.2474

42.1103, 51.7072,
13.1200

161.5366,
187.7563, 86.1634

29.3791, 36.7718,
7.3795

199.1334,
229.9312, 112.5701

19.5135, 25.0308,
3.6185

242.1534,
277.9914, 143.8860

12.1481, 16.1000,
1.4185

290.9616,
332.3213, 180.5298

6.9176, 9.5950,
0.1561

345.9237,

3.4565, 5.1312,

393.3052, 222.9199

0.0000

407.4048,
461.3277, 271.4749

■ 1.3995, 2.3245,
0.0000

■ 0.2559, 0.7866,
0.0000

■ 77.6306, 92.6993,
32.2135

■ 77.6306, 92.6993,
32.2135

■ 75.7134, 91.8702,
24.9305

■ 79.9669, 93.6966,
41.6820

■ 74.1820, 91.1958,
19.6546


■ 82.7517, 94.8737,
53.4880


■ 72.9980, 90.6611,
16.1857

■ 86.0119, 96.2416,
67.7743

■ 72.1154, 90.2473,
14.2806

■ 89.7724, 97.8101,
84.6713

 71.5800, 89.9859,
13.5963

 94.0560, 99.5884,
104.3001

95.0500, 100.0000,
108.9000

Harmonies

Analogous

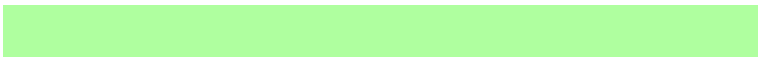
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.5887, 92.6993, 30.9252



77.6306, 92.6993, 32.2135



64.4217, 92.6993, 47.4316

Triad

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



77.6306, 92.6993, 32.2135



66.6110, 92.6993, 196.0837



127.2450, 92.6993, 123.2469

Complementary

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



77.6306, 92.6993, 32.2135



34.2165, 25.8861, 97.8009

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.



116.9867, 92.6993, 184.4283



77.6306, 92.6993, 32.2135



81.0280, 92.6993, 235.2430

Square

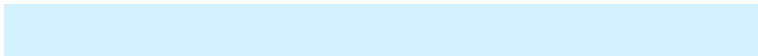
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.6306, 92.6993, 32.2135



58.6931, 92.6993, 135.5576



99.4879, 92.6993, 230.3617



126.0016, 92.6993, 72.7730

Rectangle

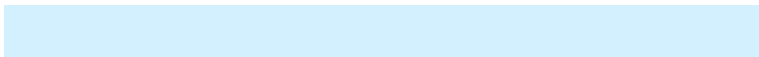
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.6306, 92.6993, 32.2135



59.3139, 92.6993, 67.7621



99.4879, 92.6993, 230.3617



124.9751, 92.6993, 143.4741

Sweetspot

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



77.6307, 92.6993, 32.2147



88.2660, 97.1827, 77.8584



52.5578, 38.2746, 23.0312



18.7266, 20.7319, 15.9191



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.



77.6307, 92.6993, 32.2147



75.5697, 91.8074, 24.4099



58.5295, 82.8523, 31.3208



19.4469, 21.0318, 19.1789



37.4485, 47.0435, 7.1066



3.6777, 4.5967, 0.6934

Inverse Universe

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



34.2165, 25.8861, 97.8009



27.7944, 18.2317, 96.6619



47.5549, 32.7623, 98.4251



17.1041, 17.4299, 22.7128



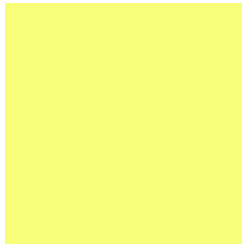
9.5763, 3.8472, 49.6724



0.9663, 0.3921, 4.8380

Previews

White Background



This preview shows how the XYZ color 77.6306, 92.6993, 32.2135 looks on a white background.

Color Contrast Check

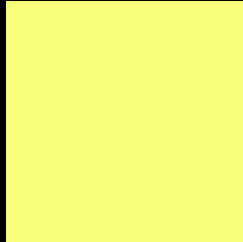
Large Text (above 18pt) WCAG AA × Fail

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 77.6306, 92.6993, 32.2135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

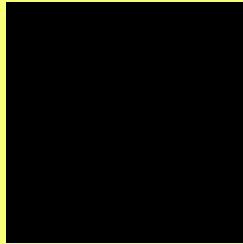
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.6306, 92.6993, 32.2135

Background



This preview shows how black text looks on a background with the XYZ color 77.6306, 92.6993, 32.2135.

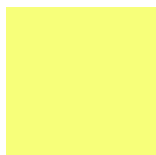


This preview shows how white text looks on a background with the XYZ color 77.6306, 92.6993,

Color Blindness Simulation

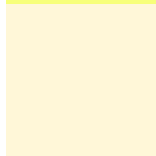
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



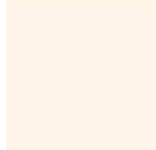
Original Color

77.6306, 92.6993, 32.2135



Protanopia

86.8954, 92.7394, 78.2864



Deuteranopia

88.7437, 92.5053, 91.0199



Tritanopia

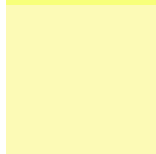
91.1800, 92.5169, 106.8178

Trichromacy



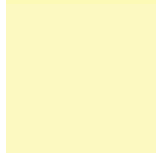
Original Color

77.6306, 92.6993, 32.2135



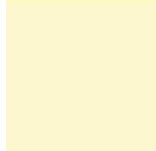
Protanomaly

82.7740, 92.4441, 57.7368



Deuteranomaly

83.6462, 92.2971, 63.8586



Tritanomaly

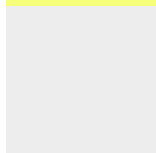
84.5462, 91.6732, 71.6312

Monochromacy



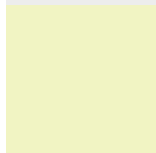
Original Color

77.6306, 92.6993, 32.2135



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.4766, 87.3423, 64.3523

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.6306, 92.6993, 32.2135 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(247, 255, 122)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 122)  
}
```

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(247, 255, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 122) }
```

Border

The CSS property to change the border of an element to XYZ 77.6306, 92.6993, 32.2135 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(247, 255, 122) }
```


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

```
.border{ border-color:rgb(247, 255, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 255, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 122);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 77.6306, 92.6993, 32.2135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 122) }
```

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

```
.background{ background-color: rgb(247,  
255, 122) }
```

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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