

Converting Colors

XYZ(92.0637, 92.9899, 33.0975)

Have a look what the booklet for
XYZ(92.0637, 92.9899, 33.0975)
contains.

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Color

**XYZ(75.9373, 84.5253,
32.3914)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEF7F
RGB	255, 239, 127
RGB Percent	100%, 94%, 50%
CMY	0.0000, 0.0627, 0.5019
CMYK	0.00, 0.06, 0.50, 0.00
HSL	53°, 100%, 75%
HSV	53°, 50%, 100%
XYZ	75.9373, 84.5253, 32.3914
YIQ	231.0160, 45.4880, -31.4400

Conversions

Conversions Part 2

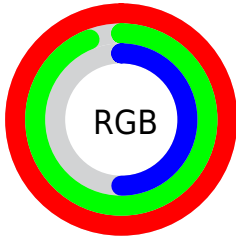
Format	Color
R_{YB}	145, 255, 127
Decimal	16772991
CIE _{Lab}	93.68, -8.80, 55.59
CIE _{LCh}	94, 56.280, 98.992
Yxy	84.5253, 0.3938, 0.4383
Android (android.graphics.Color)	4294963071 (0xFFFFEF7F)
YUV	231.0160, -51.2799, 21.0340
Hunter-Lab	91.9376, -13.4561, 43.4673

Details

The XYZ color **75.9373, 84.5253, 32.3914** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **36.6248, 31.3761, 98.7334**, and the grayscale version is **76.3154, 80.2898, 87.4356**.

A 20% lighter version of the original color is **85.4435, 96.1574, 58.3128**, and **40.9345, 46.0971, 13.2187** is the 20% darker color. If you saturate the color by 10%, you get **73.5574, 82.0970, 24.4110**, and if you desaturate by 10%, it is **78.7583, 87.1626, 42.5954**.

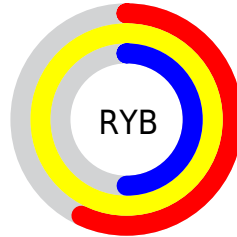
Distribution



Red (100%)

Green (94%)

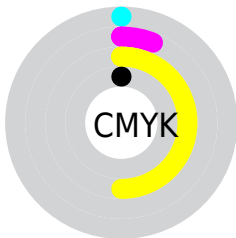
Blue (50%)



Red (57%)

Yellow (100%)

Blue (50%)

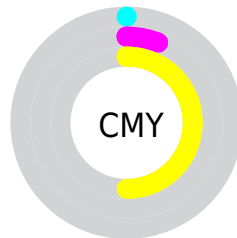


Cyan (0%)

Magenta (6%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.9373, 84.5253, 32.3914 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 75.9373, 84.5253, 32.3914 by changing the saturation by 10% instead.


 75.9373, 84.5253,
32.3914

 75.9373, 84.5253,
32.3914

470.0807,
510.0560, 327.4459


 56.6780, 63.4492,
21.3933


 126.6191,
139.7098, 64.5292

 40.9859, 46.2047,
13.2178


 158.7723,
174.5869, 86.5060

 28.4957, 32.4074,
7.4462

 195.9541,
214.8333, 112.9795

 18.8420, 21.6729,
3.6600

238.5300,
260.8331, 144.3682

 11.6595, 13.6167,
1.4408

286.8652,
312.9709, 181.0906

 6.5828, 7.8546,
0.1732

341.3252,

 3.2466, 4.0020,

371.6311, 223.5654

0.0000

402.2752,
437.1980, 272.2109

■ 1.2855, 1.6747,
0.0000

■ 0.1723, 0.4072,
0.0000

■ 75.9373, 84.5253,
32.3914

■ 75.9373, 84.5253,
32.3914

■ 73.5574, 82.0970,
24.4110

■ 78.7583, 87.1626,
42.5954

■ 71.5800, 79.8527,
18.4785

■ 82.0433, 90.0088,
55.1705

■ 69.9700, 77.7815,
14.4004

■ 85.8209, 93.0787,
70.2576

■ 68.6830, 75.8654,
11.9434

■ 90.1156, 96.3821,
87.9851

■ 67.6644, 74.1089,
10.7381

94.9501, 99.9282,
108.4726

95.0499, 100.0000,
108.9000

Harmonies

Analogous

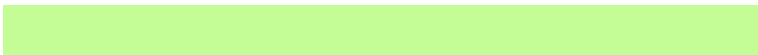
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.0704, 84.5253, 34.6619



75.9373, 84.5253, 32.3914



63.6038, 84.5253, 41.8005

Triad

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



75.9373, 84.5253, 32.3914



60.0377, 84.5253, 154.0244



110.2111, 84.5253, 124.7481

Complementary

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



75.9373, 84.5253, 32.3914



36.6248, 31.3761, 98.7334

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.



99.7784, 84.5253, 171.8150



75.9373, 84.5253, 32.3914



70.4852, 84.5253, 192.0317

Square

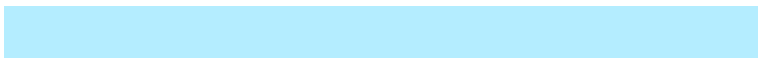
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9373, 84.5253, 32.3914



55.2006, 84.5253, 105.4833



84.9071, 84.5253, 199.3940



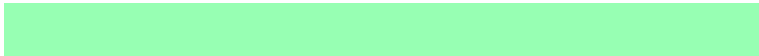
112.1416, 84.5253, 79.7789

Rectangle

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



75.9373, 84.5253, 32.3914



58.1705, 84.5253, 55.8599



84.9071, 84.5253, 199.3940



107.5255, 84.5253, 141.1885

Sweetspot

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



75.9393, 84.5292, 32.3931



87.9861, 94.7652, 79.1294



53.8691, 38.4553, 30.9968



18.6409, 20.1355, 16.1477



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

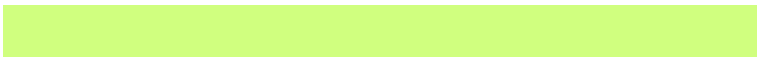
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.9393, 84.5292, 32.3931



73.6000, 82.1427, 24.5464



65.6224, 86.4719, 33.3119



19.3562, 20.6805, 19.1159



35.4323, 38.8759, 5.6363



3.5019, 3.8891, 0.5661

Inverse Universe

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



36.6248, 31.3761, 98.7334



30.3811, 23.7481, 97.5903



43.0809, 31.3908, 98.3959



17.1859, 17.7433, 22.7690



9.7560, 4.4216, 49.7738



1.0048, 0.5402, 4.8646

Previews

White Background



This preview shows how the XYZ color 75.9373, 84.5253, 32.3914 looks on a white background.

Color Contrast Check

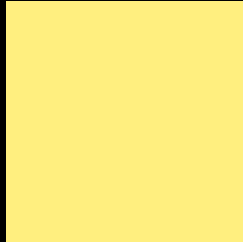
Large Text (above 18pt) WCAG AA × Fail

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 75.9373, 84.5253, 32.3914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

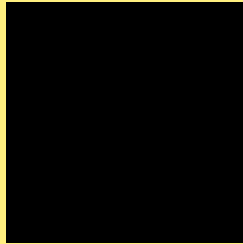
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.9373, 84.5253, 32.3914

Background



This preview shows how black text looks on a background with the XYZ color 75.9373, 84.5253, 32.3914.

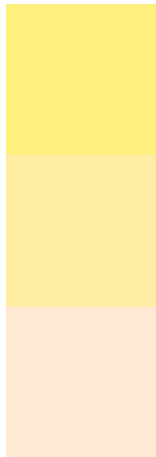


This preview shows how white text looks on a background with the XYZ color 75.9373, 84.5253,

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

75.9373, 84.5253, 32.3914

Protanopia

78.2250, 84.5087, 47.3109

Deuteranopia

82.0118, 84.1910, 72.9008



Tritanopia

85.4140, 84.2045, 94.9704

Trichromacy



Original Color

75.9373, 84.5253, 32.3914



Protanomaly

77.4004, 84.6434, 41.5365



Deuteranomaly

79.1865, 83.9719, 55.2146



Tritanomaly

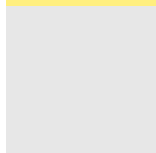
80.8042, 83.7080, 66.5420

Monochromacy



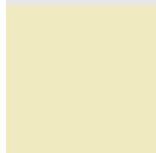
Original Color

75.9373, 84.5253, 32.3914



Achromatopsia

75.9547, 79.9103, 87.0223



Achromatomaly

74.9836, 81.2212, 62.1773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9373, 84.5253, 32.3914 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, 239, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 127)  
}
```

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, 239, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 127) }
```

Border

The CSS property to change the border of an element to XYZ 75.9373, 84.5253, 32.3914 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, 239, 127) }
```


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

```
.border{ border-color:rgb(255, 239, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 239, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9373, 84.5253, 32.3914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 127) }
```

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

```
.background{ background-color: rgb(255,  
239, 127) }
```

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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