

Converting Colors

XYZ(75.4435, 91.5666, 32.3453)

Have a look what the booklet for
XYZ(75.4435, 91.5666, 32.3453)
contains.

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Color

**XYZ(75.6108, 91.6508,
32.4442)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F1FF7B |
| RGB | 241, 255, 123 |
| RGB Percent | 95%, 100%, 48% |
| CMY | 0.0549, 0.0000, 0.5176 |
| CMYK | 0.05, 0.00, 0.52, 0.00 |
| HSL | 66°, 100%, 74% |
| HSV | 66°, 52%, 100% |
| XYZ | 75.6108, 91.6508, 32.4442 |
| YIQ | 235.7660, 34.0280, -44.0200 |

Conversions

Conversions Part 2

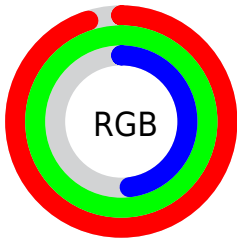
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 123, 255, 137 |
| Decimal | 15859579 |
| CIE _{Lab} | 96.68, -22.39, 60.69 |
| CIE _{LCh} | 97, 64.685, 110.251 |
| Yxy | 91.6508, 0.3786, 0.4589 |
| Android (android.graphics.Color) | 4294049659 (0xFFFF1FF7B) |
| YUV | 235.7660, -55.5936, 4.5902 |
| Hunter-Lab | 95.7344, -26.5564, 46.9208 |

Details

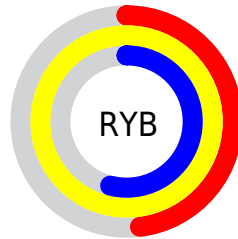
The XYZ color **75.6108, 91.6508, 32.4442** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **35.4506, 26.7056, 97.8940**, and the grayscale version is **79.9426, 84.1058, 91.5912**.

A 20% lighter version of the original color is **85.0359, 95.9944, 56.1664**, and **40.7967, 50.8851, 13.3018** is the 20% darker color. If you saturate the color by 10%, you get **73.3003, 90.6208, 25.0611**, and if you desaturate by 10%, it is **78.3510, 92.8544, 42.0197**.

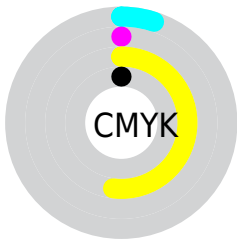
Distribution



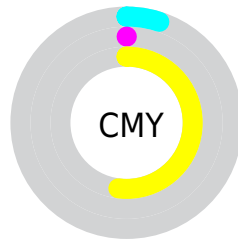
- Red (95%)
- Green (100%)
- Blue (48%)



- Red (48%)
- Yellow (100%)
- Blue (54%)



- Cyan (5%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.6108, 91.6508, 32.4442 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 75.6108, 91.6508, 32.4442 by changing the saturation by 10% instead.


 75.6108, 91.6508,
32.4442

 75.6108, 91.6508,
32.4442


468.9792,
533.3863, 327.6926


 56.4094, 69.3506,
21.4334


 126.1599,
149.6293, 64.6128

 40.7695, 50.9973,
13.2468


 158.2383,
186.0765, 86.6076

 28.3259, 36.2065,
7.4660


 195.3396,
228.0080, 113.1009

 18.7132, 24.5937,
3.6724

237.8294,
275.8084, 144.5112

 11.5660, 15.7746,
1.4474

286.0729,
329.8621, 181.2569

 6.5190, 9.3648,
0.1783

340.4354,

 3.2068, 4.9799,

390.5533, 223.7567

0.0000

401.2824,
458.2666, 272.4291

■ 1.2640, 2.2355,
0.0000

■ 0.1560, 0.7392,
0.0000

■ 75.6108, 91.6508,
32.4442

■ 75.6108, 91.6508,
32.4442

■ 73.3003, 90.6208,
25.0611

■ 78.3510, 92.8544,
42.0197

■ 71.3861, 89.7508,
19.6927

■ 81.5501, 94.2430,
53.9390

■ 69.8301, 89.0257,
16.1404

■ 85.2349, 95.8276,
68.3443

■ 68.5867, 88.4271,
14.1629

■ 89.4303, 97.6180,
85.3656

■ 67.7401, 88.0064,
13.4166

94.1592, 99.6234,
105.1238

95.0500, 100.0000,
108.9000

Harmonies

Analogous

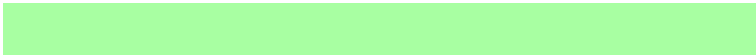
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.1392, 91.6508, 30.2623



75.6108, 91.6508, 32.4442



62.9975, 91.6508, 48.6603

Triad

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



75.6108, 91.6508, 32.4442



66.6970, 91.6508, 197.7265



126.1144, 91.6508, 117.6414

Complementary

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



75.6108, 91.6508, 32.4442



35.4506, 26.7056, 97.8940

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.



116.7057, 91.6508, 178.0650



75.6108, 91.6508, 32.4442



81.3494, 91.6508, 233.7993

Square

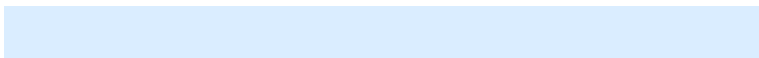
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6108, 91.6508, 32.4442



58.3672, 91.6508, 138.4241



99.7226, 91.6508, 225.5681



124.0160, 91.6508, 69.1130

Rectangle

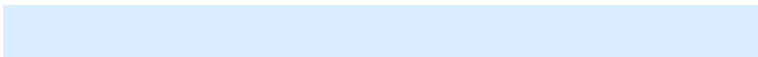
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.6108, 91.6508, 32.4442



58.2874, 91.6508, 69.7569



99.7226, 91.6508, 225.5681



124.1480, 91.6508, 137.4067

Sweetspot

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



75.6110, 91.6509, 32.4454



87.5890, 96.8337, 77.8267



53.6482, 40.3559, 23.7021



18.5634, 20.6478, 15.9115



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

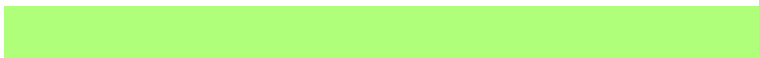
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.6110, 91.6509, 32.4454



73.2505, 90.5984, 24.9114



57.1952, 82.1572, 31.5836



19.3602, 20.9871, 19.1749



35.4723, 46.0247, 7.0141



3.5060, 4.5082, 0.6854

Inverse Universe

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



35.4506, 26.7056, 97.8940



29.2119, 19.3062, 96.7946



49.5451, 33.9716, 98.5536



17.1818, 17.4699, 22.7164



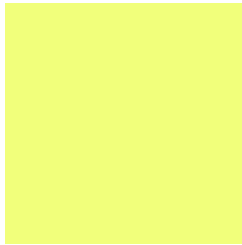
9.7258, 3.9243, 49.6794



1.0030, 0.4110, 4.8397

Previews

White Background



This preview shows how the XYZ color 75.6108, 91.6508, 32.4442 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 75.6108, 91.6508, 32.4442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

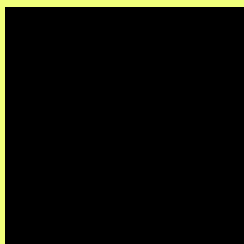
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.6108, 91.6508, 32.4442

Background



This preview shows how black text looks on a background with the XYZ color 75.6108, 91.6508, 32.4442.



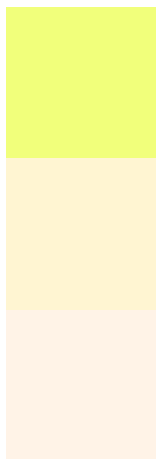
This preview shows how white text looks on a background with the XYZ color 75.6108, 91.6508,

32.4442.

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

75.6108, 91.6508, 32.4442

Protanopia

85.5253, 91.2180, 74.0719

Deuteranopia

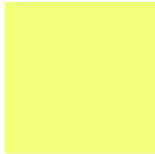
87.7144, 91.1307, 88.5682



Tritanopia

90.3101, 91.6069, 107.5298

Trichromacy



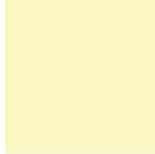
Original Color

75.6108, 91.6508, 32.4442



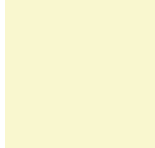
Protanomaly

81.3359, 91.2897, 55.4533



Deuteranomaly

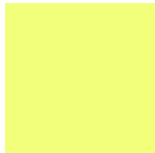
82.1995, 90.6513, 63.0342



Tritanomaly

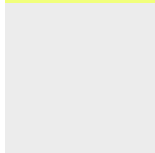
83.5902, 91.1663, 72.2227

Monochromacy



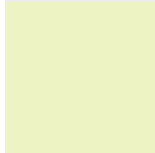
Original Color

75.6108, 91.6508, 32.4442



Achromatopsia

79.7278, 83.8799, 91.3452



Achromatomaly

77.1608, 86.2185, 64.2048

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6108, 91.6508, 32.4442 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(241, 255, 123)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 123)  
}
```

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(241, 255, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 123) }
```

Border

The CSS property to change the border of an element to XYZ 75.6108, 91.6508, 32.4442 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(241, 255, 123) }
```


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

```
.border{ border-color:rgb(241, 255, 123) }
```

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

Here you see how a box with a 4 pixel rgb(241, 255, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 123);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6108, 91.6508, 32.4442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 123) }
```

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

```
.background{ background-color: rgb(241,  
255, 123) }
```

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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