

Converting Colors

XYZ(75.3566, 91.6976, 24.4003)

Have a look what the booklet for
XYZ(75.3566, 91.6976, 24.4003)
contains.

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Color

**XYZ(75.4366, 91.7406,
24.3215)**

Conversions

Conversions Part 1

Format	Color
Hex	F5FF5E
RGB	245, 255, 94
RGB Percent	96%, 100%, 37%
CMY	0.0392, 0.0000, 0.6314
CMYK	0.04, 0.00, 0.63, 0.00
HSL	64°, 100%, 68%
HSV	64°, 63%, 100%
XYZ	75.4366, 91.7406, 24.3215
YIQ	233.6560, 45.7210, -52.1910

Conversions

Conversions Part 2

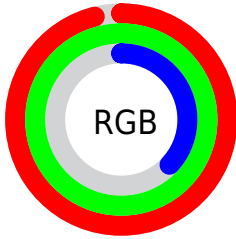
Format	Color
R _Y B	94, 255, 104
Decimal	16121694
CIE Lab	96.71, -22.90, 72.98
CIE LCh	97, 76.494, 107.423
Yxy	91.7406, 0.3939, 0.4791
Android (android.graphics.Color)	4294311774 (0xFFFF5FF5E)
YUV	233.6560, -68.8504, 9.9487
Hunter-Lab	95.7813, -27.0321, 51.9916

Details

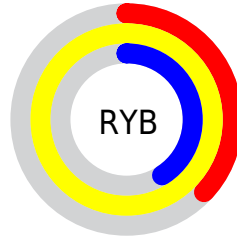
The XYZ color **75.4366, 91.7406, 24.3215** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **27.7628, 18.1698, 96.6516**, and the grayscale version is **78.4258, 82.5100, 89.8534**.

A 20% lighter version of the original color is **82.5859, 95.0144, 43.2650**, and **40.6781, 50.9210, 8.9131** is the 20% darker color. If you saturate the color by 10%, you get **73.9246, 91.0723, 19.2325**, and if you desaturate by 10%, it is **77.3313, 92.5626, 31.4029**.

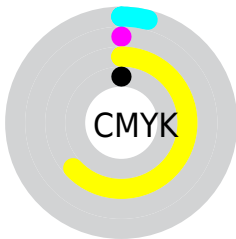
Distribution



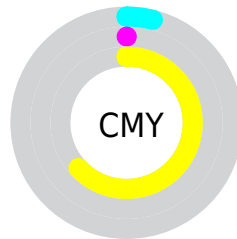
- Red (96%)
- Green (100%)
- Blue (37%)



- Red (37%)
- Yellow (100%)
- Blue (41%)



- Cyan (4%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.4366, 91.7406, 24.3215 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 75.4366, 91.7406, 24.3215 by changing the saturation by 10% instead.


 75.4366, 91.7406,
24.3215

 75.4366, 91.7406,
24.3215


468.3910,
533.6768, 287.7806


 56.2661, 69.4252,
15.3579


 125.9148,
149.7538, 51.5047


 40.6541, 51.0581,
8.9215


 157.9532,
186.2204, 70.5614

 28.2354, 36.2548,
4.5939

 195.0116,
228.1729, 93.8195

 18.6445, 24.6311,
1.9565

 237.4553,
275.9956, 121.6976

 11.5162, 15.8024,
0.5283

285.6498,
330.0730, 154.6142

 6.4850, 9.3844,
0.0000

339.9603,

 3.1856, 4.9928,

390.7893, 192.9879

0.0000

400.7522,
458.5292, 237.2372

■ 1.2527, 2.2430,
0.0000

■ 0.1474, 0.7433,
0.0000

■ 75.4366, 91.7406,
24.3215

■ 75.4366, 91.7406,
24.3215

■ 73.9246, 91.0723,
19.2325

■ 77.3313, 92.5626,
31.4029

■ 72.7563, 90.5419,
15.9277

■ 79.6421, 93.5516,
40.6499

■ 71.8845, 90.1307,
14.1595

■ 82.3989, 94.7196,
52.2211

■ 71.4107, 89.8986,
13.5884

■ 85.6290, 96.0774,
66.2594

89.3573, 97.6350,
82.8959

93.6069, 99.4017,
102.2528

95.0500, 100.0000,
108.9000

Harmonies

Analogous

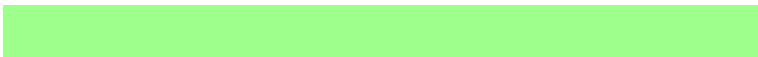
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.4762, 91.7406, 23.3288



75.4366, 91.7406, 24.3215



60.2483, 91.7406, 39.4501

Triad

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



75.4366, 91.7406, 24.3215



62.1935, 91.7406, 214.3578



133.8891, 91.7406, 127.8395

Complementary

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



75.4366, 91.7406, 24.3215



27.7628, 18.1698, 96.6516

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.



121.1777, 91.7406, 202.8375



75.4366, 91.7406, 24.3215



78.5321, 91.7406, 264.9081

Square

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



75.4366, 91.7406, 24.3215



53.5072, 91.7406, 139.5350



100.1196, 91.7406, 259.9931



132.6930, 91.7406, 68.5701

Rectangle

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



75.4366, 91.7406, 24.3215



54.4272, 91.7406, 61.1026



100.1196, 91.7406, 259.9931



131.0241, 91.7406, 152.3647

Sweetspot

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



75.4367, 91.7406, 24.3227



87.1090, 96.6967, 72.8166



48.0174, 31.5818, 14.1560



18.4238, 20.6046, 14.6047



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.



75.4367, 91.7406, 24.3227



73.5567, 90.9070, 18.1131



53.6016, 80.4843, 23.3008



19.4432, 21.0299, 19.1787



37.3615, 46.9986, 7.1025



3.6701, 4.5928, 0.6931

Inverse Universe

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



27.7628, 18.1698, 96.6516



22.4952, 12.0047, 95.7392



41.4753, 25.2388, 97.2933



17.1074, 17.4316, 22.7129



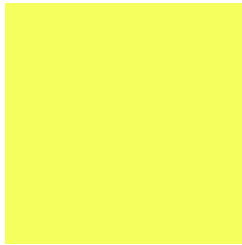
9.5815, 3.8499, 49.6727



0.9679, 0.3929, 4.8381

Previews

White Background



This preview shows how the XYZ color 75.4366, 91.7406, 24.3215 looks on a white background.

Color Contrast Check

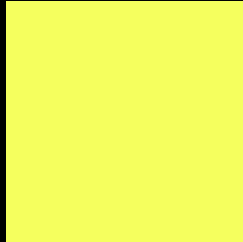
Large Text (above 18pt) WCAG AA × Fail

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 75.4366, 91.7406, 24.3215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

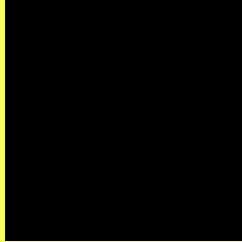
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.4366, 91.7406, 24.3215

Background



This preview shows how black text looks on a background with the XYZ color 75.4366, 91.7406, 24.3215.

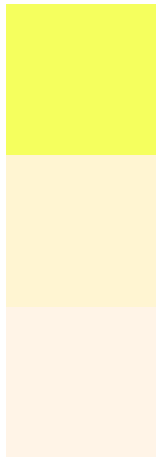


This preview shows how white text looks on a background with the XYZ color 75.4366, 91.7406,

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

75.4366, 91.7406, 24.3215

Protanopia

85.5253, 91.2180, 74.0719

Deuteranopia

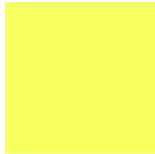
88.0145, 91.7309, 88.6683



Tritanopia

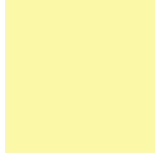
90.4249, 91.2624, 105.7780

Trichromacy



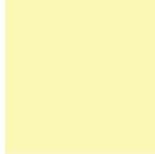
Original Color

75.4366, 91.7406, 24.3215



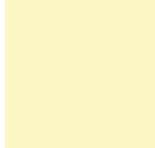
Protanomaly

80.7272, 91.0877, 50.3727



Deuteranomaly

81.6916, 90.9802, 56.9714



Tritanomaly

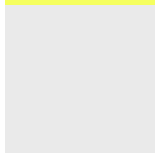
82.5898, 90.3609, 64.7182

Monochromacy



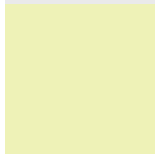
Original Color

75.4366, 91.7406, 24.3215



Achromatopsia

78.2058, 82.2786, 89.6014



Achromatomaly

75.5593, 85.1003, 57.2433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4366, 91.7406, 24.3215 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(245, 255, 94)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 94)  
}
```

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(245, 255, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 94) }
```

Border

The CSS property to change the border of an element to XYZ 75.4366, 91.7406, 24.3215 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(245, 255, 94) }
```


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

```
.border{ border-color:rgb(245, 255, 94) }
```

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

Here you see how a box with a 4 pixel rgb(245, 255, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 94);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4366, 91.7406, 24.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 94) }
```

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

```
.background{ background-color: rgb(245,  
255, 94) }
```

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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