

Converting Colors

XYZ(77.2547, 89.5598, 25.4330)

Have a look what the booklet for
XYZ(77.2547, 89.5598, 25.4330)
contains.

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Color

**XYZ(77.1564, 89.3344,
25.4886)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF865
RGB	255, 248, 101
RGB Percent	100%, 97%, 40%
CMY	0.0000, 0.0274, 0.6039
CMYK	0.00, 0.03, 0.60, 0.00
HSL	57°, 100%, 70%
HSV	57°, 60%, 100%
XYZ	77.1564, 89.3344, 25.4886
YIQ	233.3350, 51.3590, -44.2330

Conversions

Conversions Part 2

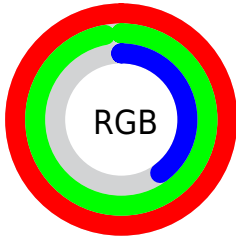
Format	Color
R _Y B	108, 255, 101
Decimal	16775269
CIE Lab	95.72, -15.13, 69.36
CIE LCh	96, 70.990, 102.304
Yxy	89.3344, 0.4019, 0.4653
Android (android.graphics.Color)	4294965349 (0xFFFFF865)
YUV	233.3350, -65.2412, 19.0002
Hunter-Lab	94.5169, -19.6907, 50.1729

Details

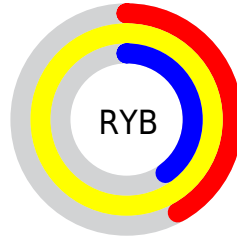
The XYZ color **77.1564, 89.3344, 25.4886** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **28.7795, 20.7114, 97.0882**, and the grayscale version is **78.1561, 82.2263, 89.5445**.

A 20% lighter version of the original color is **83.0858, 95.2143, 45.8974**, and **41.7732, 49.4685, 9.5372** is the 20% darker color. If you saturate the color by 10%, you get **75.7417, 88.2040, 19.7806**, and if you desaturate by 10%, it is **78.9650, 90.6326, 33.2417**.

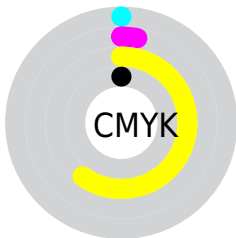
Distribution



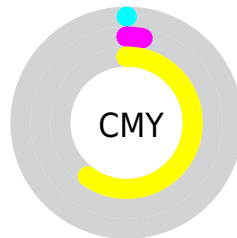
- Red (100%)
- Green (97%)
- Blue (40%)



- Red (42%)
- Yellow (100%)
- Blue (40%)



- Cyan (0%)
- Magenta (3%)
- Yellow (60%)
- Black (0%)



- Cyan (0%)
- Magenta (3%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.1564, 89.3344, 25.4886 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 77.1564, 89.3344, 25.4886 by changing the saturation by 10% instead.

77.1564, 89.3344,
25.4886

77.1564, 89.3344,
25.4886

474.1809,
525.8633, 293.7877

57.6816, 67.4287,
16.2191

128.3319,
146.4135, 53.4227

41.7950, 49.4331,
9.5233

160.7633,
182.3557, 72.9244

29.1312, 34.9632,
4.9826

198.2444,
223.7456, 96.6739

19.3249, 23.6345,
2.1785

241.1403,
270.9675, 125.0898

12.0107, 15.0627,
0.6619

289.8166,
324.4058, 158.5906

6.8232, 8.8634,
0.0000

344.6386,

3.3971, 4.6522,

384.4450, 197.5948

0.0000

405.9715,
451.4693, 242.5210

■ 1.3671, 2.0447,
0.0000

■ 0.2326, 0.6332,
0.0000

■ 77.1564, 89.3344,
25.4886

■ 77.1564, 89.3344,
25.4886

■ 75.7417, 88.2040,
19.7806

■ 78.9650, 90.6326,
33.2417

■ 74.6775, 87.2139,
15.9162

■ 81.1936, 92.0990,
43.2051

■ 73.9213, 86.3506,
13.6632

■ 83.8735, 93.7494,
55.5338

■ 73.4163, 85.6130,
12.6555

■ 87.0311, 95.5944,
70.3671

90.6908, 97.6439,
87.8335

94.8753, 99.9068,
108.0529

95.0498, 99.9999,
108.9000

Harmonies

Analogous

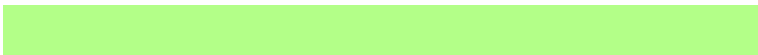
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.8437, 89.3344, 26.5762



77.1564, 89.3344, 25.4886



62.0598, 89.3344, 37.4406

Triad

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



77.1564, 89.3344, 25.4886



60.0546, 89.3344, 189.0951



125.9444, 89.3344, 133.7605

Complementary

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



77.1564, 89.3344, 25.4886



28.7795, 20.7114, 97.0882

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.



112.7752, 89.3344, 200.4607



77.1564, 89.3344, 25.4886



73.9987, 89.3344, 239.9114

Square

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



77.1564, 89.3344, 25.4886



53.2509, 89.3344, 122.0340



93.1657, 89.3344, 244.7241



127.1376, 89.3344, 76.1055

Rectangle

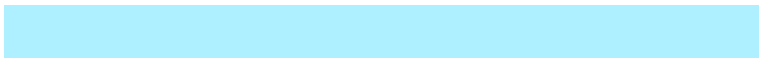
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.1564, 89.3344, 25.4886



55.8114, 89.3344, 55.3574



93.1657, 89.3344, 244.7241



122.6880, 89.3344, 156.3076

Sweetspot

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



77.1585, 89.3386, 25.4904



87.8597, 96.0658, 74.2984



48.6383, 31.6659, 17.9332



18.5906, 20.4396, 14.8829



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.



77.1585, 89.3386, 25.4904



75.5480, 88.0356, 19.0395



58.2863, 82.8611, 25.2348



19.4864, 20.9409, 19.1593



38.3928, 44.7968, 6.6231



3.7592, 4.4037, 0.6519

Inverse Universe

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



28.7795, 20.7114, 97.0882



23.5274, 14.2737, 96.1228



39.3470, 25.1080, 97.3798



17.0692, 17.5099, 22.7301



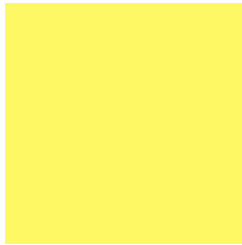
9.5258, 3.9611, 49.6971



0.9497, 0.4302, 4.8462

Previews

White Background



This preview shows how the XYZ color 77.1564, 89.3344, 25.4886 looks on a white background.

Color Contrast Check

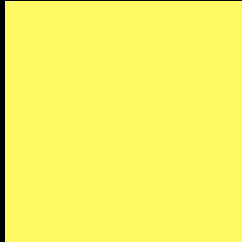
Large Text (above 18pt) WCAG AA × Fail

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 77.1564, 89.3344, 25.4886 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 77.1564, 89.3344, 25.4886

Background



This preview shows how black text looks on a background with the XYZ color 77.1564, 89.3344, 25.4886.



This preview shows how white text looks on a background with the XYZ color 77.1564, 89.3344,

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

77.1564, 89.3344, 25.4886

Protanopia

83.2544, 89.3467, 65.0822

Deuteranopia

85.8546, 88.9620, 83.1674



Tritanopia

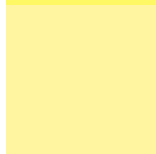
88.4491, 89.0629, 99.7179

Trichromacy



Original Color

77.1564, 89.3344, 25.4886



Protanomaly

80.3254, 89.1380, 46.6900



Deuteranomaly

81.4273, 88.6159, 55.4607



Tritanomaly

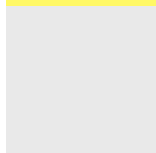
82.6178, 88.6145, 63.2020

Monochromacy



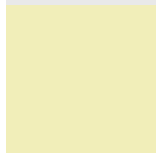
Original Color

77.1564, 89.3344, 25.4886



Achromatopsia

77.4512, 81.4847, 88.7368



Achromatomaly

75.6071, 83.3526, 58.0027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.1564, 89.3344, 25.4886 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, 248, 101)` looks like.

```
.text, #text, p{  
    color:rgb(255, 248, 101)  
}
```

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, 248, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 248, 101) }
```

Border

The CSS property to change the border of an element to XYZ 77.1564, 89.3344, 25.4886 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, 248, 101) }
```


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

```
.border{ border-color:rgb(255, 248, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 248, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 248, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 248, 101);  
box-shadow:4px 4px 4px 4px rgb(255, 248,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 77.1564, 89.3344, 25.4886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 248, 101) }
```

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

```
.background{ background-color: rgb(255,  
248, 101) }
```

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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