

Converting Colors

XYZ(74.1560, 84.1052, 22.1111)

Have a look what the booklet for
XYZ(74.1560, 84.1052, 22.1111)
contains.

XYZ(74.2884, 84.3355, 22.2605)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.2884, 84.3355,
22.2605)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF05B
RGB	255, 240, 91
RGB Percent	100%, 94%, 36%
CMY	0.0000, 0.0588, 0.6431
CMYK	0.00, 0.06, 0.64, 0.00
HSL	55°, 100%, 68%
HSV	55°, 64%, 100%
XYZ	74.2884, 84.3355, 22.2605
YIQ	227.4990, 56.7690, -43.1590

Conversions

Conversions Part 2

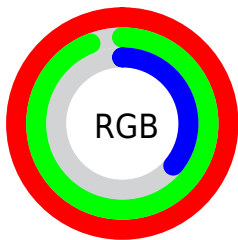
Format	Color
RYB	108, 255, 91
Decimal	16773211
CIELab	93.60, -11.82, 71.14
CIELCh	94, 72.114, 99.437
Yxy	84.3355, 0.4107, 0.4662
Android (android.graphics.Color)	4294963291 (0xFFFFF05B)
YUV	227.4990, -67.2940, 24.1184
Hunter-Lab	91.8344, -16.3145, 49.9123

Details

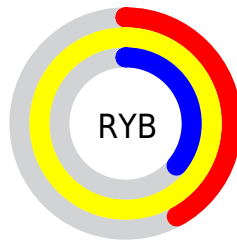
The XYZ color **74.2884, 84.3355, 22.2605** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **27.5185, 19.7518, 96.9693**, and the grayscale version is **73.8255, 77.6702, 84.5828**.

A 20% lighter version of the original color is **82.2665, 94.8866, 41.5828**, and **39.8558, 45.9669, 7.8705** is the 20% darker color. If you saturate the color by 10%, you get **72.6887, 82.6077, 17.1918**, and if you desaturate by 10%, it is **76.2744, 86.2383, 29.3029**.

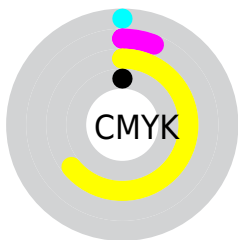
Distribution



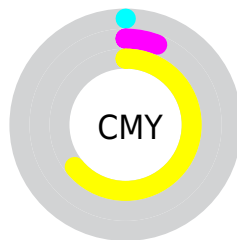
- Red (100%)
- Green (94%)
- Blue (36%)



- Red (42%)
- Yellow (100%)
- Blue (36%)



- Cyan (0%)
- Magenta (6%)
- Yellow (64%)
- Black (0%)



- Cyan (0%)
- Magenta (6%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2884, 84.3355, 22.2605 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 74.2884, 84.3355, 22.2605 by changing the saturation by 10% instead.

74.2884, 84.3355,
22.2605

74.2884, 84.3355,
22.2605

464.5031,
509.4267, 276.9014

55.3222, 63.2925,
13.8483

124.2979,
139.4444, 48.0839

39.8946, 46.0779,
7.8777

156.0719,
174.2790, 66.3321

27.6402, 32.3073,
3.9301

192.8458,
214.4797, 88.6961

18.1937, 21.5963,
1.5871

234.9852,
260.4307, 115.5944

11.1897, 13.5606,
0.2816

282.8552,
312.5166, 147.4456

6.2628, 7.8157,
0.0000

336.8213,

3.0477, 3.9772,

371.1216, 184.6681

0.0000

397.2488,
436.6301, 227.6805

■ 1.1790, 1.6608,
0.0000

■ 0.0897, 0.3981,
0.0000

■ 74.2884, 84.3355,
22.2605

■ 74.2884, 84.3355,
22.2605

■ 72.6887, 82.6077,
17.1918

■ 76.2744, 86.2383,
29.3029

■ 71.4298, 81.0271,
13.8830

■ 78.6750, 88.3179,
38.4934

■ 70.4651, 79.5782,
12.0799

■ 81.5224, 90.5904,
49.9932

■ 70.0083, 78.7971,
11.5195

■ 84.8442, 93.0669,
63.9466

88.6654, 95.7575,
80.4861

93.0095, 98.6717,
99.7348

95.0497, 99.9999,
108.9000

Harmonies

Analogous

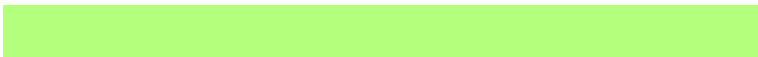
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.7556, 84.3355, 24.3750



74.2884, 84.3355, 22.2605



59.0272, 84.3355, 32.2111

Triad

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



74.2884, 84.3355, 22.2605



55.0179, 84.3355, 176.1113



119.6762, 84.3355, 133.9241

Complementary

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



74.2884, 84.3355, 22.2605



27.5185, 19.7518, 96.9693

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.



105.8122, 84.3355, 199.3081



74.2884, 84.3355, 22.2605



67.9437, 84.3355, 229.6264

Square

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



74.2884, 84.3355, 22.2605



49.1249, 84.3355, 110.1674



86.3297, 84.3355, 239.4827



122.0984, 84.3355, 75.6443

Rectangle

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



74.2884, 84.3355, 22.2605



52.5214, 84.3355, 48.0714



86.3297, 84.3355, 239.4827



116.1054, 84.3355, 156.3305

Sweetspot

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



74.2904, 84.3395, 22.2622



86.8107, 94.4694, 72.4025



47.6564, 29.8129, 17.2644



18.3507, 20.0571, 14.5029



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.



74.2904, 84.3395, 22.2622



72.3189, 82.1692, 16.1389



58.7343, 83.1452, 22.8516



19.4109, 20.7899, 19.1341



36.6396, 41.2905, 6.0387



3.6073, 4.0999, 0.6012

Inverse Universe

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



27.5185, 19.7518, 96.9693



22.4590, 13.3912, 96.0088



35.6186, 21.8311, 96.9437



17.1365, 17.6446, 22.7525



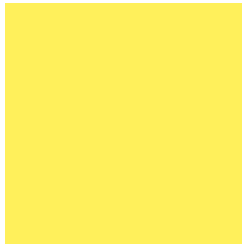
9.6396, 4.1887, 49.7350



0.9816, 0.4938, 4.8569

Previews

White Background



This preview shows how the XYZ color 74.2884, 84.3355, 22.2605 looks on a white background.

Color Contrast Check

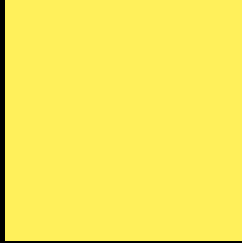
Large Text (above 18pt) WCAG AA × Fail

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 74.2884, 84.3355, 22.2605 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 74.2884, 84.3355, 22.2605

Background



This preview shows how black text looks on a background with the XYZ color 74.2884, 84.3355, 22.2605.



This preview shows how white text looks on a background with the XYZ color 74.2884, 84.3355,

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

74.2884, 84.3355, 22.2605

Protanopia

77.7822, 84.3316, 44.9789

Deuteranopia

81.6414, 84.0428, 70.9504



Tritanopia

85.2650, 84.1449, 94.1857

Trichromacy



Original Color

74.2884, 84.3355, 22.2605



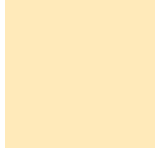
Protanomaly

76.1176, 84.1303, 34.7812



Deuteranomaly

78.0270, 83.9675, 47.6922



Tritanomaly

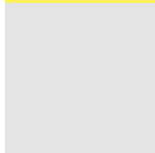
79.5257, 83.6508, 58.4091

Monochromacy



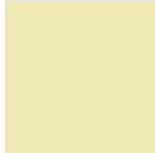
Original Color

74.2884, 84.3355, 22.2605



Achromatopsia

73.7419, 77.5822, 84.4870



Achromatomaly

72.1524, 79.1047, 53.5854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2884, 84.3355, 22.2605 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, 240, 91)` looks like.

```
.text, #text, p{  
    color:rgb(255, 240, 91)  
}
```

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, 240, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 240, 91) }
```

Border

The CSS property to change the border of an element to XYZ 74.2884, 84.3355, 22.2605 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, 240, 91) }
```


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

```
.border{ border-color:rgb(255, 240, 91) }
```

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

Here you see how a box with a 4 pixel rgb(255, 240, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 240, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 240, 91);  
box-shadow:4px 4px 4px 4px rgb(255, 240,  
91) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2884, 84.3355, 22.2605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 240, 91) }
```

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

```
.background{ background-color: rgb(255,  
240, 91) }
```

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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