

Converting Colors

XYZ(74.0823, 83.7833, 22.6232)

Have a look what the booklet for
XYZ(74.0823, 83.7833, 22.6232)
contains.

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Color

**XYZ(74.0823, 83.7833,
22.6232)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEF5D
RGB	255, 239, 93
RGB Percent	100%, 94%, 36%
CMY	0.0000, 0.0627, 0.6353
CMYK	0.00, 0.06, 0.64, 0.00
HSL	54°, 100%, 68%
HSV	54°, 64%, 100%
XYZ	74.0823, 83.7833, 22.6232
YIQ	227.1400, 56.4020, -42.0140

Conversions

Conversions Part 2

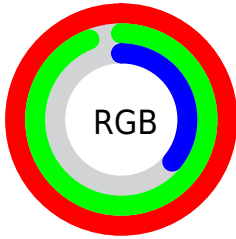
Format	Color
R_{YB}	111, 255, 93
Decimal	16772957
CIE _{Lab}	93.36, -11.22, 70.09
CIE _{LCh}	93, 70.980, 99.093
Yxy	83.7833, 0.4105, 0.4642
Android (android.graphics.Color)	4294963037 (0xFFFFEF5D)
YUV	227.1400, -66.1310, 24.4332
Hunter-Lab	91.5332, -15.7144, 49.4192

Details

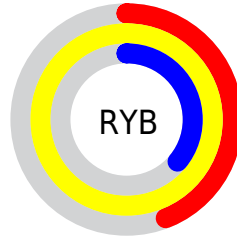
The XYZ color **74.0823, 83.7833, 22.6232** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **28.0329, 20.4841, 97.0836**, and the grayscale version is **73.5551, 77.3857, 84.2730**.

A 20% lighter version of the original color is **82.4248, 94.9499, 42.4167**, and **39.6999, 45.5734, 8.0706** is the 20% darker color. If you saturate the color by 10%, you get **72.4046, 81.9443, 17.3906**, and if you desaturate by 10%, it is **76.1506, 85.8013, 29.8449**.

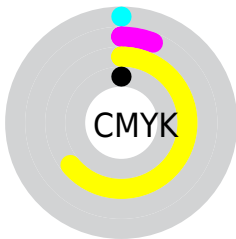
Distribution



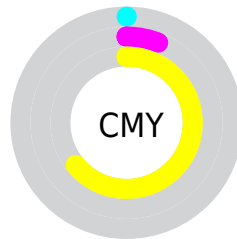
- Red (100%)
- Green (94%)
- Blue (36%)



- Red (44%)
- 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 74.0823, 83.7833, 22.6232 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 74.0823, 83.7833, 22.6232 by changing the saturation by 10% instead.


 74.0823, 83.7833,
22.6232

 74.0823, 83.7833,
22.6232


463.8033,
507.5934, 278.8426

 55.1529, 62.8365,
14.1129


 124.0073,
138.6720, 48.6892


 39.7585, 45.7090,
8.0596


 155.7337,
173.3827, 67.0819

 27.5337, 32.0162,
4.0448


 192.4565,
213.4503, 89.6059

 18.1131, 21.3739,
1.6499

 234.5409,
259.2589, 116.6796

 11.1314, 13.3976,
0.3261

282.3525,
311.1932, 148.7216

 6.2232, 7.7029,
0.0000

336.2565,

 3.0232, 3.9054,

369.6374, 186.1504

0.0000

396.6183,
434.9760, 229.3845

■ 1.1661, 1.6208,
0.0000

■ 0.0793, 0.3716,
0.0000

■ 74.0823, 83.7833,
22.6232

■ 74.0823, 83.7833,
22.6232

■ 72.4046, 81.9443,
17.3906

■ 76.1506, 85.8013,
29.8449

■ 71.0726, 80.2567,
13.9361

■ 78.6374, 88.0001,
39.2285

■ 70.0404, 78.7054,
12.0104

■ 81.5748, 90.3956,
50.9336

■ 69.4879, 77.7562,
11.3460

■ 84.9899, 92.9989,
65.1035

■ 88.9080, 95.8200,
81.8701

■ 93.3522, 98.8683,
101.3556

95.0498, 99.9999,
108.9000

Harmonies

Analogous

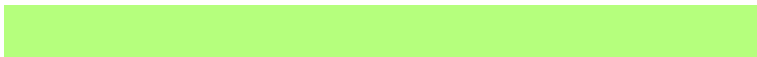
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.1733, 83.7833, 24.8595



74.0823, 83.7833, 22.6232



59.0343, 83.7833, 32.3508

Triad

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



74.0823, 83.7833, 22.6232



54.8487, 83.7833, 172.8375



118.1889, 83.7833, 133.1521

Complementary

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



74.0823, 83.7833, 22.6232



28.0329, 20.4841, 97.0836

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.



104.5409, 83.7833, 196.8282



74.0823, 83.7833, 22.6232



67.4734, 83.7833, 225.2869

Square

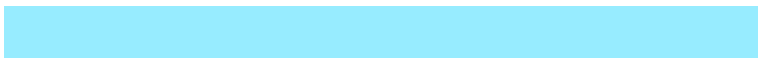
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0823, 83.7833, 22.6232



49.1310, 83.7833, 108.4964



85.4553, 83.7833, 235.4640



120.7000, 83.7833, 75.8926

Rectangle

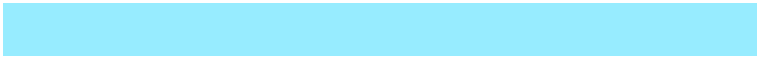
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.0823, 83.7833, 22.6232



52.5833, 83.7833, 47.8789



85.4553, 83.7833, 235.4640



114.6598, 83.7833, 155.0388

Sweetspot

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



74.0843, 83.7872, 22.6249



86.7006, 94.2491, 72.3657



47.9259, 30.1979, 17.8285



18.3236, 20.0031, 14.4939



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.



74.0843, 83.7872, 22.6249



72.0450, 81.5137, 16.3797



59.0214, 83.2831, 23.3215



19.3989, 20.7661, 19.1301



36.3717, 40.7546, 5.9494



3.5839, 4.0532, 0.5935

Inverse Universe

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



28.0329, 20.4841, 97.0836



22.8799, 14.0046, 96.1050



36.0264, 22.2986, 97.0125



17.1472, 17.6661, 22.7561



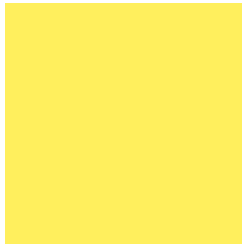
9.6624, 4.2343, 49.7426



0.9866, 0.5039, 4.8585

Previews

White Background



This preview shows how the XYZ color 74.0823, 83.7833, 22.6232 looks on a white background.

Color Contrast Check

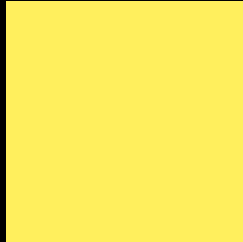
Large Text (above 18pt) WCAG AA × Fail

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 74.0823, 83.7833, 22.6232 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 74.0823, 83.7833, 22.6232

Background



This preview shows how black text looks on a background with the XYZ color 74.0823, 83.7833, 22.6232.

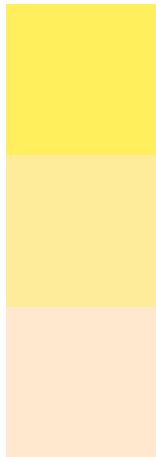


This preview shows how white text looks on a background with the XYZ color 74.0823, 83.7833,

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

74.0823, 83.7833, 22.6232

Protanopia

77.1518, 83.6175, 43.0838

Deuteranopia

81.1161, 83.3810, 69.5765



Tritanopia

84.8393, 83.5306, 93.3129

Trichromacy



Original Color

74.0823, 83.7833, 22.6232



Protanomaly

75.6890, 83.4943, 33.9566



Deuteranomaly

77.6492, 83.3570, 47.1189



Tritanomaly

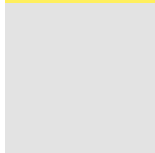
79.2418, 83.0830, 58.3145

Monochromacy



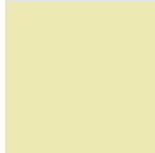
Original Color

74.0823, 83.7833, 22.6232



Achromatopsia

73.0128, 76.8151, 83.6517



Achromatomaly

71.5368, 78.3707, 53.4761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0823, 83.7833, 22.6232 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, 93)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 93)  
}
```

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, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 93) }
```

Border

The CSS property to change the border of an element to XYZ 74.0823, 83.7833, 22.6232 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, 93) }
```


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

```
.border{ border-color:rgb(255, 239, 93) }
```

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, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 93);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0823, 83.7833, 22.6232 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, 93) }
```

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

```
.background{ background-color: rgb(255,  
239, 93) }
```

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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