

Converting Colors

XYZ(69.3403, 79.6195, 22.0694)

Have a look what the booklet for
XYZ(69.3403, 79.6195, 22.0694)
contains.

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Color

**XYZ(69.3403, 79.6195,
22.0694)**

Conversions

Conversions Part 1

Format	Color
Hex	F5EB5D
RGB	245, 235, 93
RGB Percent	96%, 92%, 36%
CMY	0.0392, 0.0784, 0.6353
CMYK	0.00, 0.04, 0.62, 0.04
HSL	56°, 88%, 66%
HSV	56°, 62%, 96%
XYZ	69.3403, 79.6195, 22.0694
YIQ	221.8020, 51.5420, -42.0420

Conversions

Conversions Part 2

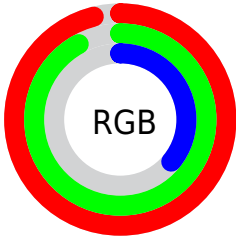
Format	Color
RYB	104, 245, 93
Decimal	16116573
CIELab	91.51, -13.31, 67.89
CIELCh	92, 69.179, 101.094
Yxy	79.6195, 0.4054, 0.4655
Android (android.graphics.Color)	4294306653 (0xFFF5EB5D)
YUV	221.8020, -63.4994, 20.3446
Hunter-Lab	89.2298, -17.4400, 47.7965

Details

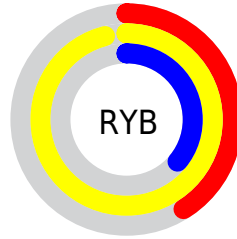
The XYZ color **69.3403, 79.6195, 22.0694** is a light color, and the websafe version is hex **FFFF66**. The color can be described as light muted yellow. A complement of this color would be **25.8459, 18.6198, 88.6174**, and the grayscale version is **69.7018, 73.3318, 79.8583**.

A 20% lighter version of the original color is **82.4248, 94.9499, 42.4167**, and **36.8455, 43.1914, 7.8337** is the 20% darker color. If you saturate the color by 10%, you get **67.9659, 78.3382, 17.0885**, and if you desaturate by 10%, it is **71.0701, 81.0556, 28.8850**.

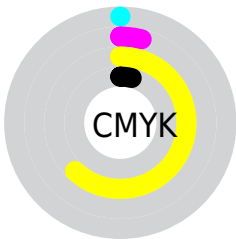
Distribution



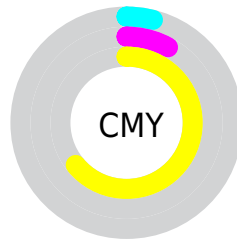
- Red (96%)
- Green (92%)
- Blue (36%)



- Red (41%)
- Yellow (96%)
- Blue (36%)



- Cyan (0%)
- Magenta (4%)
- Yellow (62%)
- Black (4%)



- Cyan (4%)
- Magenta (8%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3403, 79.6195, 22.0694 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 69.3403, 79.6195, 22.0694 by changing the saturation by 10% instead.

69.3403, 79.6195,
22.0694

69.3403, 79.6195,
22.0694

447.5329,
493.6496, 275.8738

51.2665, 59.4053,
13.7091

117.2989,
132.8306, 47.7643

36.6427, 42.9395,
7.7822

147.9145,
166.5964, 65.9360

25.1034, 29.8376,
3.8701

183.4413,
205.6480, 88.2153

16.2832, 19.7154,
1.5544

224.2449,
250.3701, 115.0207

9.8169, 12.1883,
0.2579

270.6905,
301.1468, 146.7707

5.3391, 6.8721,
0.0000

323.1434,

2.4843, 3.3822,

358.3628, 183.8838

0.0000

381.9691,
422.4022, 226.7787

■ 0.8874, 1.3344,
0.0000

■ 0.0000, 0.1676,
0.0000

■ 69.3403, 79.6195,
22.0694

■ 69.3403, 79.6195,
22.0694

■ 67.9659, 78.3382,
17.0885

■ 71.0701, 81.0556,
28.8850

■ 66.9069, 77.1866,
13.7555


■ 73.1797, 82.6474,
37.6884


■ 66.1233, 76.1519,
11.8527


■ 75.6979, 84.4094,
48.6223


■ 65.6455, 75.3914,
11.0921


■ 78.6489, 86.3512,
61.8147

 82.0552, 88.4818,
77.3840

 85.9376, 90.8097,
95.4397

 88.7474, 92.7153,
107.8261

 89.2402, 93.7009,
107.9904

 89.7373, 94.6951,
108.1561

Harmonies

Analogous

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



87.1967, 79.6195, 23.4728



69.3403, 79.6195, 22.0694



55.5142, 79.6195, 32.1891

Triad

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



69.3403, 79.6195, 22.0694



52.9007, 79.6195, 167.4180



112.4791, 79.6195, 122.0971

Complementary

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



69.3403, 79.6195, 22.0694



25.8459, 18.6198, 88.6174

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.



100.2092, 79.6195, 182.3408



69.3403, 79.6195, 22.0694



65.2175, 79.6195, 214.7501

Square

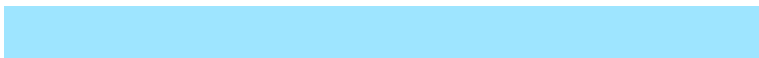
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.3403, 79.6195, 22.0694



47.0528, 79.6195, 106.7415



82.3862, 79.6195, 221.0770



114.0427, 79.6195, 69.3250

Rectangle

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



69.3403, 79.6195, 22.0694



49.7160, 79.6195, 47.7305



82.3862, 79.6195, 221.0770



109.3900, 79.6195, 142.5804

Sweetspot

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



69.3422, 79.6232, 22.0710



87.1998, 95.2475, 72.5321



44.0258, 28.2238, 15.9955



18.4462, 20.2482, 14.5347



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.



69.3422, 79.6232, 22.0710



74.1615, 85.5155, 17.7982



53.2498, 75.6946, 22.1609



17.8159, 19.1160, 17.5483



35.4052, 40.6960, 5.9891



3.1394, 3.6320, 0.5356

Inverse Universe

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



25.8459, 18.6198, 88.6174



23.0918, 13.9383, 96.0810



34.6681, 21.7795, 88.7623



15.6686, 16.1015, 20.8246



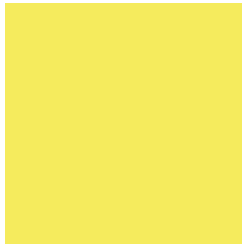
9.0133, 3.8203, 46.8004



0.8222, 0.3959, 4.1233

Previews

White Background



This preview shows how the XYZ color 69.3403, 79.6195, 22.0694 looks on a white background.

Color Contrast Check

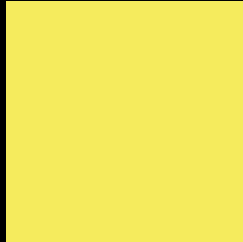
Large Text (above 18pt) WCAG AA × Fail

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 69.3403, 79.6195, 22.0694 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 69.3403, 79.6195, 22.0694

Background



This preview shows how black text looks on a background with the XYZ color 69.3403, 79.6195, 22.0694.



This preview shows how white text looks on a background with the XYZ color 69.3403, 79.6195,

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

69.3403, 79.6195, 22.0694

Protanopia

72.6852, 79.5595, 26.5645

Deuteranopia

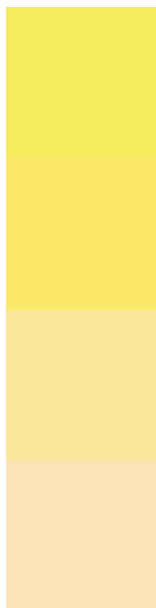
77.7306, 79.3704, 59.9384



Tritanopia

82.6473, 79.6170, 91.1324

Trichromacy



Original Color

69.3403, 79.6195, 22.0694

Protanomaly

71.1390, 79.2219, 24.6386

Deuteranomaly

73.7194, 78.9144, 42.3569

Tritanomaly

76.0097, 78.9502, 57.1317

Monochromacy



Original Color

69.3403, 79.6195, 22.0694

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

67.8401, 74.8563, 51.4306

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3403, 79.6195, 22.0694 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, 235, 93)` looks like.

```
.text, #text, p{  
    color:rgb(245, 235, 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(245, 235, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 235, 93) }
```

Border

The CSS property to change the border of an element to XYZ 69.3403, 79.6195, 22.0694 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, 235, 93) }
```


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

```
.border{ border-color:rgb(245, 235, 93) }
```

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

Here you see how a box with a 4 pixel rgb(245, 235, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 235, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 235, 93);  
box-shadow:4px 4px 4px 4px rgb(245, 235,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3403, 79.6195, 22.0694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 235, 93) }
```

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

```
.background{ background-color: rgb(245,  
235, 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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