

Converting Colors

XYZ(69.7197, 78.8602, 26.8761)

Have a look what the booklet for
XYZ(69.7197, 78.8602, 26.8761)
contains.

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Color

**XYZ(69.7197, 78.8602,
26.8761)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F5E970 |
| RGB | 245, 233, 112 |
| RGB Percent | 96%, 91%, 44% |
| CMY | 0.0392, 0.0862, 0.5608 |
| CMYK | 0.00, 0.05, 0.54, 0.04 |
| HSL | 55°, 87%, 70% |
| HSV | 55°, 54%, 96% |
| XYZ | 69.7197, 78.8602, 26.8761 |
| YIQ | 222.7940, 45.9930, -35.0870 |

Conversions

Conversions Part 2

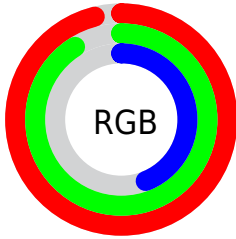
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 125, 245, 112 |
| Decimal | 16116080 |
| CIE _{Lab} | 91.17, -11.01, 59.32 |
| CIE _{LCh} | 91, 60.333, 100.519 |
| Yxy | 78.8602, 0.3974, 0.4495 |
| Android (android.graphics.Color) | 4294306160 (0xFFFF5E970) |
| YUV | 222.7940, -54.6214, 19.4747 |
| Hunter-Lab | 88.8033, -15.2649, 44.2183 |

Details

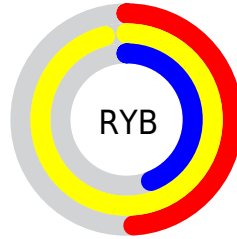
The XYZ color **69.7197, 78.8602, 26.8761** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **30.3710, 24.4518, 89.5046**, and the grayscale version is **70.3474, 74.0110, 80.5979**.

A 20% lighter version of the original color is **83.9751, 95.5700, 50.5801**, and **36.9338, 42.5854, 10.2762** is the 20% darker color. If you saturate the color by 10%, you get **67.9161, 77.1472, 20.4364**, and if you desaturate by 10%, it is **71.9059, 80.7446, 35.2759**.

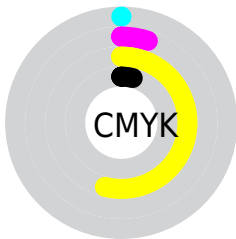
Distribution



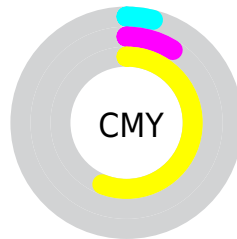
- Red (96%)
- Green (91%)
- Blue (44%)



- Red (49%)
- Yellow (96%)
- Blue (44%)



- Cyan (0%)
- Magenta (5%)
- Yellow (54%)
- Black (4%)



- Cyan (4%)
- Magenta (9%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.7197, 78.8602, 26.8761 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 69.7197, 78.8602, 26.8761 by changing the saturation by 10% instead.

69.7197, 78.8602,
26.8761

69.7197, 78.8602,
26.8761

448.8470,
491.0833, 300.7979

51.5768, 58.7809,
17.2486

117.8374,
131.7620, 55.6863

36.8908, 42.4367,
10.2480

148.5429,
165.3533, 75.7061

25.2962, 29.4434,
5.4560

184.1667,
204.2174, 100.0270

16.4278, 19.4165,
2.4538

225.0741,
248.7387, 129.0676

9.9201, 11.9716,
0.8155

271.6305,
299.3015, 163.2465

5.4079, 6.7244,
0.0000

324.2012,

2.5257, 3.2903,

356.2902, 202.9821

0.0000

383.1516,
420.0894, 248.6931

■ 0.9082, 1.2851,
0.0000

■ 0.0000, 0.1296,
0.0000

■ 69.7197, 78.8602,
26.8761

■ 69.7197, 78.8602,
26.8761

■ 67.9161, 77.1472,
20.4364

■ 71.9059, 80.7446,
35.2759

■ 66.4587, 75.5822,
15.7892


■ 74.4967, 82.8005,
45.7754


■ 65.3135, 74.1546,
12.7475


■ 77.5187, 85.0416,
58.5069

■ 64.4365, 72.8466,
11.0802


■ 80.9948, 87.4769,
73.5906


 64.0188, 72.1380,
10.5499

 84.9462, 90.1150,
91.1381

 88.7415, 92.7035,
107.8241

 89.4185, 94.0574,
108.0498

 90.1035, 95.4273,
108.2781

 90.7965, 96.8134,
108.5091

Harmonies

Analogous

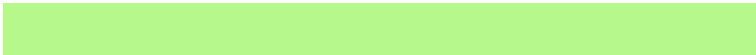
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.1816, 78.8602, 28.4751



69.7197, 78.8602, 26.8761



57.4468, 78.8602, 36.4832

Triad

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



69.7197, 78.8602, 26.8761



54.7716, 78.8602, 152.9232



106.1907, 78.8602, 117.0816

Complementary

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



69.7197, 78.8602, 26.8761



30.3710, 24.4518, 89.5046

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.



95.6998, 78.8602, 166.9896



69.7197, 78.8602, 26.8761



65.5802, 78.8602, 192.0734

Square

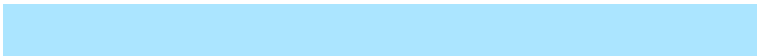
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.7197, 78.8602, 26.8761



49.6282, 78.8602, 102.1533



80.4445, 78.8602, 197.9510



107.6962, 78.8602, 71.4078

Rectangle

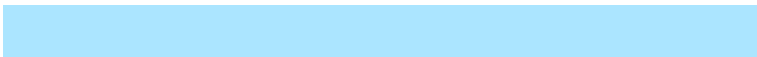
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.7197, 78.8602, 26.8761



52.1849, 78.8602, 50.7668



80.4445, 78.8602, 197.9510



103.5371, 78.8602, 134.2674

Sweetspot

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



69.7216, 78.8639, 26.8777



88.0007, 95.3203, 77.5129



47.1716, 32.4898, 23.2886



18.6627, 20.2826, 15.8358



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.



69.7216, 78.8639, 26.8777



74.2296, 84.3373, 21.8727



57.2649, 77.6549, 27.3009



17.7794, 19.0430, 17.5362



34.5420, 38.9695, 5.7013



3.0726, 3.4984, 0.5133

Inverse Universe

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



30.3710, 24.4518, 89.5046



27.1640, 19.2964, 96.9006



37.8349, 26.2026, 89.4492



15.7013, 16.1669, 20.8355



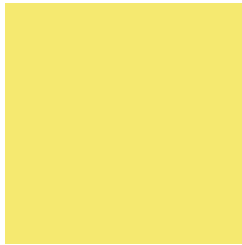
9.0760, 3.9458, 46.8213



0.8378, 0.4270, 4.1285

Previews

White Background



This preview shows how the XYZ color 69.7197, 78.8602, 26.8761 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 69.7197, 78.8602, 26.8761 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 69.7197, 78.8602, 26.8761

Background



This preview shows how black text looks on a background with the XYZ color 69.7197, 78.8602, 26.8761.



This preview shows how white text looks on a background with the XYZ color 69.7197, 78.8602,

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

69.7197, 78.8602, 26.8761

Protanopia

72.0391, 78.8122, 26.4543

Deuteranopia

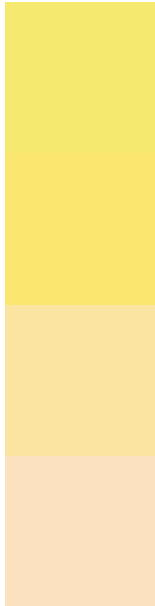
77.3505, 78.7846, 59.2742



Tritanopia

81.9735, 78.5025, 90.1889

Trichromacy



Original Color

69.7197, 78.8602, 26.8761

Protanomaly

71.2288, 78.8088, 26.4964

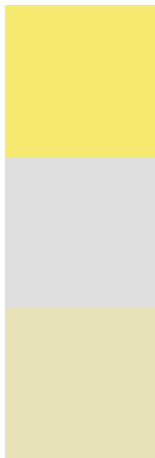
Deuteranomaly

73.9601, 78.5692, 44.9855

Tritanomaly

76.1128, 78.1212, 60.3575

Monochromacy



Original Color

69.7197, 78.8602, 26.8761

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

68.9713, 75.3460, 55.7078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7197, 78.8602, 26.8761 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, 233, 112)` looks like.

```
.text, #text, p{  
    color:rgb(245, 233, 112)  
}
```

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, 233, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 233, 112) }
```

Border

The CSS property to change the border of an element to XYZ 69.7197, 78.8602, 26.8761 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, 233, 112) }
```


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

```
.border{ border-color:rgb(245, 233, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 233, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 233, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 233, 112);  
box-shadow:4px 4px 4px 4px rgb(245, 233,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7197, 78.8602, 26.8761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 233, 112) }
```

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

```
.background{ background-color: rgb(245,  
233, 112) }
```

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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