

Converting Colors

XYZ(69.4208, 79.5317, 27.9119)

Have a look what the booklet for
XYZ(69.4208, 79.5317, 27.9119)
contains.

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Color

**XYZ(69.4208, 79.5317,
27.9119)**

Conversions

Conversions Part 1

Format	Color
Hex	F2EB73
RGB	242, 235, 115
RGB Percent	95%, 92%, 45%
CMY	0.0510, 0.0784, 0.5490
CMYK	0.00, 0.03, 0.52, 0.05
HSL	57°, 83%, 70%
HSV	57°, 52%, 95%
XYZ	69.4208, 79.5317, 27.9119
YIQ	223.4130, 42.6920, -35.8360

Conversions

Conversions Part 2

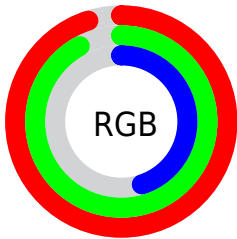
Format	Color
RYB	122, 242, 115
Decimal	15919987
CIELab	91.47, -12.97, 58.25
CIELCh	91, 59.677, 102.550
Yxy	79.5317, 0.3925, 0.4497
Android (android.graphics.Color)	4294110067 (0xFFFF2EB73)
YUV	223.4130, -53.4476, 16.3008
Hunter-Lab	89.1805, -17.1162, 43.8697

Details

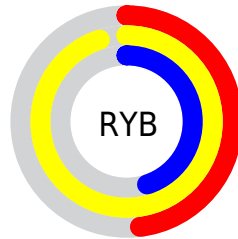
The XYZ color **69.4208, 79.5317, 27.9119** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **30.0567, 23.9741, 87.0474**, and the grayscale version is **70.7821, 74.4683, 81.0960**.

A 20% lighter version of the original color is **84.2557, 95.6823, 52.0580**, and **36.4908, 42.6444, 10.7228** is the 20% darker color. If you saturate the color by 10%, you get **67.8277, 78.2892, 21.3895**, and if you desaturate by 10%, it is **71.3861, 80.9335, 36.3633**.

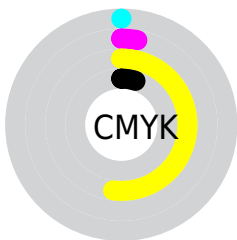
Distribution



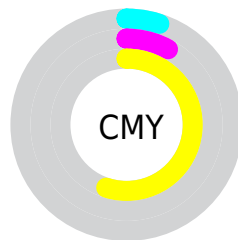
- Red (95%)
- Green (92%)
- Blue (45%)



- Red (48%)
- Yellow (95%)
- Blue (45%)



- Cyan (0%)
- Magenta (3%)
- Yellow (52%)
- Black (5%)





- Cyan (5%)
- Magenta (8%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.4208, 79.5317, 27.9119 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 69.4208, 79.5317, 27.9119 by changing the saturation by 10% instead.

 69.4208, 79.5317,
27.9119

 69.4208, 79.5317,
27.9119


447.8119,
493.3532, 305.9444


 51.3324, 59.3331,
18.0208


 117.4132,
132.7071, 57.3652

 36.6953, 42.8813,
10.7953


 148.0479,
166.4527, 77.7644

 25.1443, 29.7920,
5.8169


 183.5953,
205.4827, 102.5034

 16.3139, 19.6808,
2.6671

224.4209,
250.1816, 132.0008

 9.8388, 12.1632,
0.9268

270.8900,
300.9337, 166.6750

 5.3536, 6.8549,
0.0000

323.3680,

 2.4931, 3.3715,

358.1234, 206.9447

0.0000

382.2202,
422.1351, 253.2283

■ 0.8918, 1.3286,
0.0000

■ 0.0000, 0.1632,
0.0000

■ 69.4208, 79.5317,
27.9119

■ 69.4208, 79.5317,
27.9119

■ 67.8277, 78.2892,
21.3895

■ 71.3861, 80.9335,
36.3633

■ 66.5718, 77.1832,
16.6371


■ 73.7439, 82.4940,
46.8763


■ 65.6213, 76.2039,
13.4787


■ 76.5199, 84.2264,
59.5773


■ 64.9354, 75.3349,
11.6997


■ 79.7360, 86.1394,
74.5813


 64.5469, 74.7353,
11.0234

 83.4124, 88.2412,
91.9952

 86.7191, 90.1996,
107.4474

 87.1193, 91.0002,
107.5808

 87.5225, 91.8065,
107.7152

 87.9286, 92.6187,
107.8506

Harmonies

Analogous

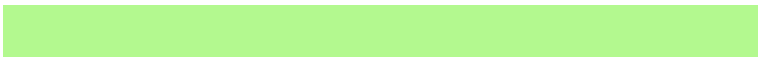
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.6959, 79.5317, 28.7914



69.4208, 79.5317, 27.9119



57.5082, 79.5317, 38.4272

Triad

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



69.4208, 79.5317, 27.9119



56.0487, 79.5317, 156.3900



107.0271, 79.5317, 114.1875

Complementary

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



69.4208, 79.5317, 27.9119



30.0567, 23.9741, 87.0474

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.



97.1186, 79.5317, 164.0128



69.4208, 79.5317, 27.9119



67.1659, 79.5317, 193.4454

Square

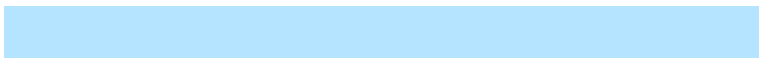
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.4208, 79.5317, 27.9119



50.5120, 79.5317, 106.0777



82.1195, 79.5317, 196.6269



107.8444, 79.5317, 69.6596

Rectangle

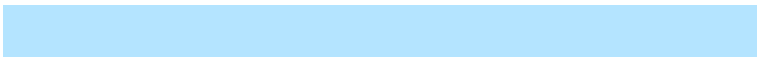
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.4208, 79.5317, 27.9119



52.5185, 79.5317, 53.4705



82.1195, 79.5317, 196.6269



104.5937, 79.5317, 131.1743

Sweetspot

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



69.4227, 79.5354, 27.9135



88.4506, 96.2201, 77.6628



46.3536, 32.5813, 22.7391



18.7712, 20.4995, 15.8719



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.



69.4227, 79.5354, 27.9135



76.2786, 88.0794, 23.6529



55.3324, 75.3027, 27.8392



17.0440, 18.3011, 16.7839



34.7091, 40.2163, 5.9332



2.9101, 3.3908, 0.5011

Inverse Universe

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



30.0567, 23.9741, 87.0474



27.5719, 19.3579, 96.8910



38.7432, 27.2230, 87.2167



14.9671, 15.3683, 19.8991



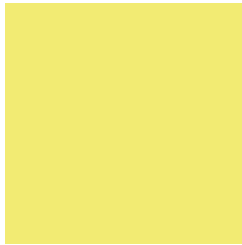
8.7196, 3.6634, 45.3754



0.7498, 0.3536, 3.7829

Previews

White Background



This preview shows how the XYZ color 69.4208, 79.5317, 27.9119 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 69.4208, 79.5317, 27.9119 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 69.4208, 79.5317, 27.9119

Background



This preview shows how black text looks on a background with the XYZ color 69.4208, 79.5317, 27.9119.



This preview shows how white text looks on a background with the XYZ color 69.4208, 79.5317,

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

69.4208, 79.5317, 27.9119

Protanopia

72.8532, 79.6267, 27.4493

Deuteranopia

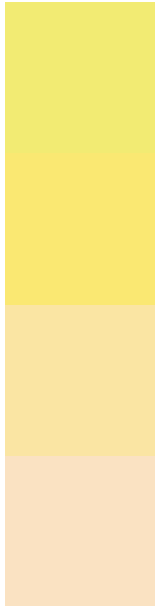
77.8403, 79.4143, 60.5161



Tritanopia

82.3095, 79.0157, 92.5747

Trichromacy



Original Color

69.4208, 79.5317, 27.9119

Protanomaly

71.3182, 79.2521, 27.4579

Deuteranomaly

74.0545, 79.0070, 45.9971

Tritanomaly

76.3583, 78.6117, 62.1880

Monochromacy



Original Color

69.4208, 79.5317, 27.9119

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

68.7539, 75.2219, 56.2430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.4208, 79.5317, 27.9119 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(242, 235, 115)` looks like.

```
.text, #text, p{  
    color:rgb(242, 235, 115)  
}
```

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(242, 235, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 235, 115) }
```

Border

The CSS property to change the border of an element to XYZ 69.4208, 79.5317, 27.9119 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(242, 235, 115) }
```


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

```
.border{ border-color:rgb(242, 235, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 235, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 235, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 235, 115);  
box-shadow:4px 4px 4px 4px rgb(242, 235,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 69.4208, 79.5317, 27.9119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 235, 115) }
```

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

```
.background{ background-color: rgb(242,  
235, 115) }
```

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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