

Converting Colors

XYZ(69.4196, 79.7276, 41.4369)

Have a look what the booklet for
XYZ(69.4196, 79.7276, 41.4369)
contains.

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Color

**XYZ(69.2672, 79.5815,
41.4158)**

Conversions

Conversions Part 1

Format	Color
Hex	E9EC98
RGB	233, 236, 152
RGB Percent	91%, 93%, 60%
CMY	0.0863, 0.0745, 0.4039
CMYK	0.01, 0.00, 0.36, 0.07
HSL	62°, 69%, 76%
HSV	62°, 36%, 93%
XYZ	69.2672, 79.5815, 41.4158
YIQ	225.5270, 25.1760, -26.7600

Conversions

Conversions Part 2

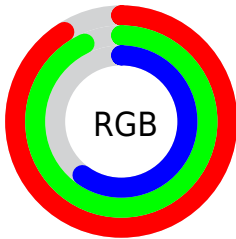
Format	Color
R_{YB}	152, 236, 155
Decimal	15330456
CIE _{Lab}	91.50, -13.40, 40.43
CIE _{LCh}	91, 42.591, 108.332
Yxy	79.5815, 0.3641, 0.4183
Android (android.graphics.Color)	4293520536 (0xFFE9EC98)
YUV	225.5270, -36.2488, 6.5538
Hunter-Lab	89.2085, -17.5159, 34.9200

Details

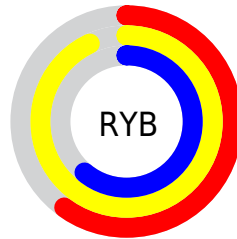
The XYZ color **69.2672, 79.5815, 41.4158** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **39.8891, 35.4832, 84.1080**, and the grayscale version is **72.1895, 75.9490, 82.7084**.

A 20% lighter version of the original color is **88.2625, 97.2850, 73.1574**, and **36.5260, 42.7927, 18.3913** is the 20% darker color. If you saturate the color by 10%, you get **67.2492, 78.7453, 32.2160**, and if you desaturate by 10%, it is **71.6751, 80.5794, 52.6445**.

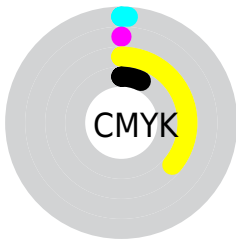
Distribution



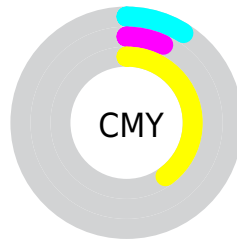
- Red (91%)
- Green (93%)
- Blue (60%)



- Red (60%)
- Yellow (93%)
- Blue (61%)



- Cyan (1%)
- Magenta (0%)
- Yellow (36%)
- Black (7%)




- Cyan (9%)
- Magenta (7%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.2672, 79.5815, 41.4158 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 69.2672, 79.5815, 41.4158 by changing the saturation by 10% instead.


 69.2672, 79.5815,
41.4158


 69.2672, 79.5815,
41.4158


447.2795,
493.5213, 367.7834

 51.2068, 59.3740,
28.3220


 117.1951,
132.7772, 78.5752

 36.5949, 42.9143,
18.3274


 147.7933,
166.5342, 103.4779

 25.0662, 29.8179,
11.0134


183.3015,
205.5765, 133.1539

 16.2554, 19.7004,
5.9616

224.0850,
250.2885, 168.0218

 9.7971, 12.1774,
2.7533

270.5092,
301.0546, 208.5002

 5.3258, 6.8646,
0.9701

322.9394,

 2.4764, 3.3776,

358.2592, 255.0076

0.0000

381.7411,
422.2866, 307.9625

■ 0.8834, 1.3319,
0.0000

■ 0.0000, 0.1657,
0.0000

■ 69.2672, 79.5815,
41.4158

■ 69.2672, 79.5815,
41.4158

■ 67.2492, 78.7453,
32.2160

■ 71.6751, 80.5794,
52.6445

■ 65.5923, 78.0509,
24.9194

■ 74.4881, 81.7367,
66.0078

■ 64.2730, 77.4917,
19.3940

■ 77.7275, 83.0647,
81.6103

■ 63.2627, 77.0563,
15.4889

■ 81.4118, 84.5708,
99.5480

62.5280, 76.7313,
13.0284

83.0466, 85.2572,
106.6870

62.0278, 76.5002,
11.7955

83.3296, 85.4031,
106.7003

61.8529, 76.4166,
11.4899

83.6140, 85.5497,
106.7136

83.8997, 85.6970,
106.7269

84.1867, 85.8450,
106.7404

Harmonies

Analogous

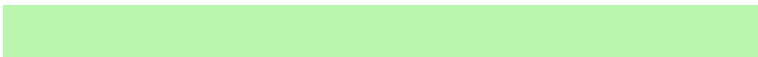
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.9371, 79.5815, 40.3268



69.2672, 79.5815, 41.4158



61.1038, 79.5815, 52.6954

Triad

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



69.2672, 79.5815, 41.4158



62.6031, 79.5815, 139.3732



97.9612, 79.5815, 99.3018

Complementary

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



69.2672, 79.5815, 41.4158



39.8891, 35.4832, 84.1080

Split Complementary

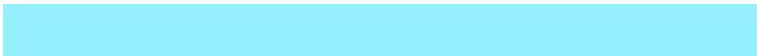
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.3156, 79.5815, 132.7404



69.2672, 79.5815, 41.4158



71.4994, 79.5815, 159.3065

Square

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



69.2672, 79.5815, 41.4158



57.5175, 79.5815, 106.8301



82.3918, 79.5815, 156.6244



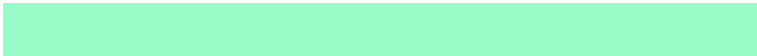
97.2174, 79.5815, 69.1873

Rectangle

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



69.2672, 79.5815, 41.4158



57.8641, 79.5815, 66.4130



82.3918, 79.5815, 156.6244



96.7273, 79.5815, 110.6313

Sweetspot

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



69.2692, 79.5851, 41.4175



90.4899, 98.1334, 86.8092



51.9503, 43.4781, 35.3609



19.2578, 20.9591, 18.0478



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.



69.2692, 79.5851, 41.4175



80.7090, 94.0986, 40.8388



57.2021, 73.3643, 40.8527



16.2955, 17.5979, 16.0566



34.1172, 42.1325, 6.3342



2.6957, 3.3170, 0.4982

Inverse Universe

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



39.8891, 35.4832, 84.1080



40.6734, 33.9933, 99.0254



49.3446, 40.3577, 84.5505



14.2810, 14.5746, 18.9827



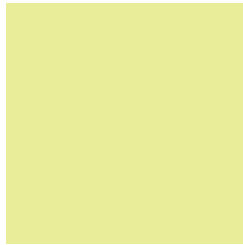
8.4267, 3.3801, 43.9512



0.6793, 0.2745, 3.4521

Previews

White Background



This preview shows how the XYZ color 69.2672, 79.5815, 41.4158 looks on a white background.

Color Contrast Check

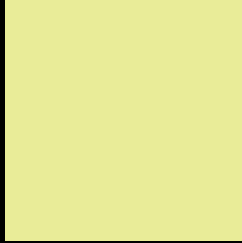
Large Text (above 18pt) WCAG AA × Fail

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 69.2672, 79.5815, 41.4158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

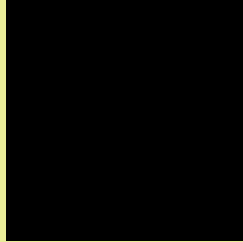
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.2672, 79.5815, 41.4158

Background



This preview shows how black text looks on a background with the XYZ color 69.2672, 79.5815, 41.4158.



This preview shows how white text looks on a background with the XYZ color 69.2672, 79.5815,

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

69.2672, 79.5815, 41.4158

Protanopia

73.2262, 79.1196, 40.2663

Deuteranopia

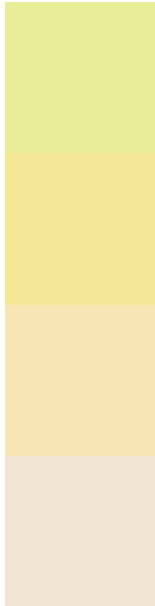
78.1290, 79.0959, 63.3738



Tritanopia

80.4111, 79.5546, 95.9115

Trichromacy



Original Color

69.2672, 79.5815, 41.4158

Protanomaly

71.7508, 79.1807, 40.7799

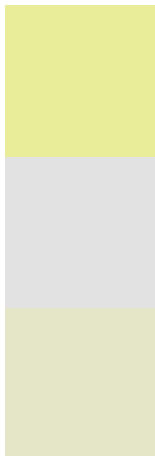
Deuteranomaly

74.6153, 79.1081, 54.5168

Tritanomaly

75.5873, 79.2170, 72.2793

Monochromacy



Original Color

69.2672, 79.5815, 41.4158

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

70.9187, 77.3752, 65.2299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2672, 79.5815, 41.4158 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(233, 236, 152)` looks like.

```
.text, #text, p{  
    color:rgb(233, 236, 152)  
}
```

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(233, 236, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 236, 152) }
```

Border

The CSS property to change the border of an element to XYZ 69.2672, 79.5815, 41.4158 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(233, 236, 152) }
```


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

```
.border{ border-color:rgb(233, 236, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 236, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 236, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 236, 152);  
box-shadow:4px 4px 4px 4px rgb(233, 236,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2672, 79.5815, 41.4158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 236, 152) }
```

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

```
.background{ background-color: rgb(233,  
236, 152) }
```

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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