

Converting Colors

XYZ(43.2732, 69.6395, 42.6733)

Have a look what the booklet for
XYZ(43.2732, 69.6395, 42.6733)
contains.

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Color

**XYZ(43.2812, 69.6431,
42.6138)**

Conversions

Conversions Part 1

Format	Color
Hex	61F49C
RGB	97, 244, 156
RGB Percent	38%, 96%, 61%
CMY	0.6196, 0.0431, 0.3882
CMYK	0.60, 0.00, 0.36, 0.04
HSL	144°, 87%, 67%
HSV	144°, 60%, 96%
XYZ	43.2812, 69.6431, 42.6138
YIQ	190.0150, -59.3640, -58.5320

Conversions

Conversions Part 2

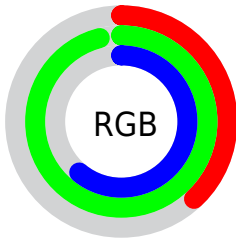
Format	Color
RYB	97, 202, 244
Decimal	6419612
CIELab	86.82, -58.52, 30.98
CIELCh	87, 66.220, 152.102
Yxy	69.6431, 0.2783, 0.4478
Android (android.graphics.Color)	4284609692 (0xFF61F49C)
YUV	190.0150, -16.7694, -81.5742
Hunter-Lab	83.4524, -53.4658, 28.1411

Details

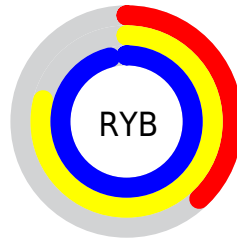
The XYZ color **43.2812, 69.6431, 42.6138** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **50.3421, 31.2867, 49.2869**, and the grayscale version is **49.0718, 51.6273, 56.2221**.

A 20% lighter version of the original color is **61.8159, 83.5941, 74.5052**, and **20.3066, 36.5595, 19.0831** is the 20% darker color. If you saturate the color by 10%, you get **39.9068, 68.0399, 36.3835**, and if you desaturate by 10%, it is **47.6073, 71.7236, 49.6682**.

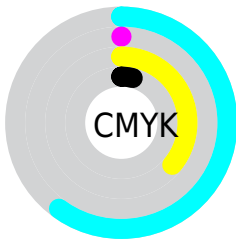
Distribution



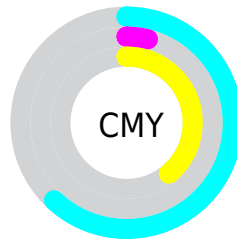
- Red (38%)
- Green (96%)
- Blue (61%)



- Red (38%)
- Yellow (79%)
- Blue (96%)



- Cyan (60%)
- Magenta (0%)
- Yellow (36%)
- Black (4%)



- Cyan (62%)
- Magenta (4%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.2812, 69.6431, 42.6138 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 43.2812, 69.6431, 42.6138 by changing the saturation by 10% instead.


 43.2812, 69.6431,
42.6138


 43.2812, 69.6431,
42.6138


350.6689,
459.2959, 372.8955


 30.3013, 51.2356,
29.2531


 79.3881, 118.6996,
80.4078


 20.2166, 36.3962,
19.0251


 103.2458,
150.1175, 105.6782

 12.6618, 24.7403,
11.5114


 131.4601,
186.6410, 135.7556

 7.2714, 15.8837,
6.2935

 164.3965,
228.6544, 171.0584

 3.6803, 9.4419,
2.9527

202.4202,
276.5422, 212.0053

 1.5229, 5.0305,
1.0705

245.8965,

 0.3413, 2.2652,

330.6888, 259.0147

0.0000

295.1910,
391.4786, 312.5053

■ 0.0000, 0.7552,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.2812, 69.6431,
42.6138

■ 43.2812, 69.6431,
42.6138

■ 39.9068, 68.0399,
36.3835

■ 47.6073, 71.7236,
49.6682

■ 37.3974, 66.8641,
30.9414


■ 52.9510, 74.3090,
57.5713


■ 35.6587, 66.0697,
26.2555


■ 59.3784, 77.4347,
66.3527

■ 34.5534, 65.5846,
22.3766

■ 66.9483, 81.1306,
76.0387

 75.7150, 85.4241,
86.6548

 85.7294, 90.3410,
98.2252

 91.6420, 93.1840,
107.7640

Harmonies

Analogous

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



51.6445, 69.6431, 24.2212



43.2812, 69.6431, 42.6138



40.7495, 69.6431, 78.9893

Triad

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



43.2812, 69.6431, 42.6138



67.2880, 69.6431, 196.3915



94.6437, 69.6431, 39.0421

Complementary

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



43.2812, 69.6431, 42.6138



50.3421, 31.2867, 49.2869

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.



100.4925, 69.6431, 72.7551



43.2812, 69.6431, 42.6138



83.2469, 69.6431, 172.9926

Square

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



43.2812, 69.6431, 42.6138



53.2586, 69.6431, 178.4505



96.0316, 69.6431, 122.9436



81.0699, 69.6431, 22.7937

Rectangle

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



43.2812, 69.6431, 42.6138



42.3330, 69.6431, 112.5065



96.0316, 69.6431, 122.9436



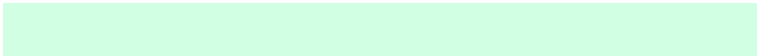
97.6657, 69.6431, 48.1399

Sweetspot

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



43.2830, 69.6459, 42.6154



76.0201, 90.6648, 86.5449



54.5665, 75.9068, 23.0853



15.7022, 19.1276, 17.8192



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.



43.2830, 69.6459, 42.6154



43.5057, 74.9219, 38.9925



51.4674, 72.9197, 85.7139



16.5578, 18.5823, 18.9556



18.8507, 35.6851, 12.4995



1.7062, 3.1561, 1.3585

Inverse Universe

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



50.3421, 31.2867, 49.2869



51.8912, 29.1665, 46.7783



44.4928, 28.9469, 18.4848



16.9156, 16.6491, 19.3023



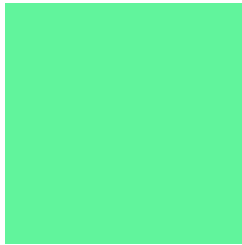
23.1796, 11.6153, 16.1858



2.0880, 1.0412, 1.6896

Previews

White Background



This preview shows how the XYZ color 43.2812, 69.6431, 42.6138 looks on a white background.

Color Contrast Check

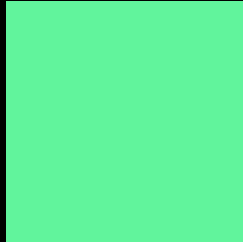
Large Text (above 18pt) WCAG AA × Fail

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 43.2812, 69.6431, 42.6138 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 43.2812, 69.6431, 42.6138

Background



This preview shows how black text looks on a background with the XYZ color 43.2812, 69.6431, 42.6138.



This preview shows how white text looks on a background with the XYZ color 43.2812, 69.6431,

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

43.2812, 69.6431, 42.6138

Protanopia

63.5216, 68.6178, 36.2822

Deuteranopia

69.5217, 68.1886, 44.6195



Tritanopia

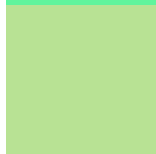
54.8734, 69.1139, 101.7150

Trichromacy



Original Color

43.2812, 69.6431, 42.6138



Protanomaly

52.3088, 66.7212, 38.1385



Deuteranomaly

54.7912, 65.4954, 43.4723



Tritanomaly

49.4604, 68.5936, 75.5988

Monochromacy



Original Color

43.2812, 69.6431, 42.6138



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

44.7928, 56.3755, 50.6402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.2812, 69.6431, 42.6138 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(97, 244, 156)` looks like.

```
.text, #text, p{  
    color:rgb(97, 244, 156)  
}
```

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(97, 244, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 244, 156) }
```

Border

The CSS property to change the border of an element to XYZ 43.2812, 69.6431, 42.6138 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(97, 244, 156) }
```


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

```
.border{ border-color:rgb(97, 244, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 244, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 244, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 244, 156);  
box-shadow:4px 4px 4px 4px rgb(97, 244,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 43.2812, 69.6431, 42.6138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 244, 156) }
```

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

```
.background{ background-color: rgb(97, 244,  
156) }
```

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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