

Converting Colors

XYZ(35.1378, 47.6254, 12.9714)

Have a look what the booklet for
XYZ(35.1378, 47.6254, 12.9714)
contains.

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Color

**XYZ(35.1410, 47.6313,
12.9719)**

Conversions

Conversions Part 1

Format	Color
Hex	9EC545
RGB	158, 197, 69
RGB Percent	62%, 77%, 27%
CMY	0.3804, 0.2274, 0.7294
CMYK	0.20, 0.00, 0.65, 0.23
HSL	78°, 52%, 52%
HSV	78°, 65%, 77%
XYZ	35.1410, 47.6313, 12.9719
YIQ	170.7470, 17.8440, -48.0760

Conversions

Conversions Part 2

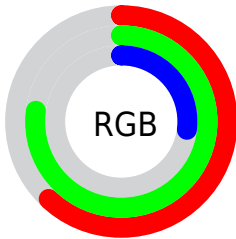
Format	Color
RYB	69, 197, 108
Decimal	10405189
CIELab	74.59, -31.62, 57.78
CIELCh	75, 65.867, 118.688
Yxy	47.6313, 0.3670, 0.4975
Android (android.graphics.Color)	4288595269 (0xFF9EC545)
YUV	170.7470, -50.1613, -11.1791
Hunter-Lab	69.0154, -29.8891, 37.1669

Details

The XYZ color **35.1410, 47.6313, 12.9719** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **18.3924, 11.4769, 54.0720**, and the grayscale version is **38.8203, 40.8420, 44.4769**.

A 20% lighter version of the original color is **67.0413, 86.7608, 31.9519**, and **15.4215, 22.5307, 3.5648** is the 20% darker color. If you saturate the color by 10%, you get **33.4764, 46.8340, 10.2149**, and if you desaturate by 10%, it is **37.0686, 48.5438, 16.8025**.

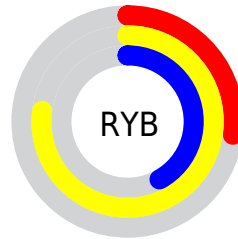
Distribution



Red (62%)

Green (77%)

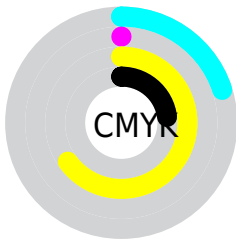
Blue (27%)



Red (27%)

Yellow (77%)

Blue (42%)

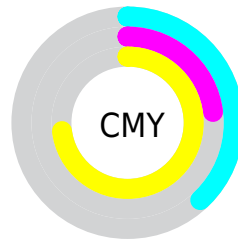


Cyan (20%)

Magenta (0%)

Yellow (65%)

Black (23%)



Cyan (38%)

Magenta (23%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.1410, 47.6313, 12.9719 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 35.1410, 47.6313, 12.9719 by changing the saturation by 10% instead.

■ 35.1410, 47.6313,
12.9719

■ 35.1410, 47.6313,
12.9719

316.6874,
377.3288, 221.9390

■ 23.9385, 33.5350,
7.2787

■ 67.0367, 86.6552,
31.9437

■ 15.4125, 22.5366,
3.5559

■ 88.4607, 112.3516,
46.0595

■ 9.1976, 14.2517,
1.3850

■ 114.0225,
142.6834, 63.8198

■ 4.9284, 8.2959,
0.1300

■ 144.0876,
178.0352, 85.6432

■ 2.2397, 4.2849,
0.0000

■ 179.0213,
218.7912, 111.9483

■ 0.7635, 1.8342,
0.0000

219.1889,

■ 0.0000, 0.5083,

265.3359, 143.1536

0.0000

264.9558,
318.0536, 179.6777

■ 0.0000, 0.0000,
0.0000

■ 35.1410, 47.6313,
12.9719

■ 35.1410, 47.6313,
12.9719

■ 33.4764, 46.8340,
10.2149

■ 37.0686, 48.5438,
16.8025

■ 32.0495, 46.1367,
8.4180

■ 39.2746, 49.5727,
21.7992

■ 30.8351, 45.5309,
7.4475

■ 41.7772, 50.7271,
28.0480

■ 30.2793, 45.2507,
7.1384

■ 44.5917, 52.0132,
35.6259

■ 47.7323, 53.4368,
44.6039

■ 51.2122, 55.0032,
55.0476

■ 55.0439, 56.7175,
67.0187

■ 59.2391, 58.5845,
80.5755

■ 63.8090, 60.6087,
95.7728

Harmonies

Analogous

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



45.7987, 47.6313, 10.0358



35.1410, 47.6313, 12.9719



28.3844, 47.6313, 24.6912

Triad

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



35.1410, 47.6313, 12.9719



34.3793, 47.6313, 130.5389



72.2553, 47.6313, 53.3791

Complementary

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



35.1410, 47.6313, 12.9719



18.3924, 11.4769, 54.0720

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.



67.8013, 47.6313, 93.9793



35.1410, 47.6313, 12.9719



44.7496, 47.6313, 148.9972

Square

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



35.1410, 47.6313, 12.9719



28.0019, 47.6313, 90.1649



57.1843, 47.6313, 133.3382



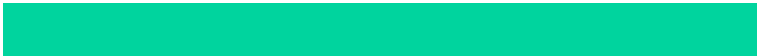
68.4901, 47.6313, 26.3118

Rectangle

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



35.1410, 47.6313, 12.9719



26.3184, 47.6313, 40.0279



57.1843, 47.6313, 133.3382



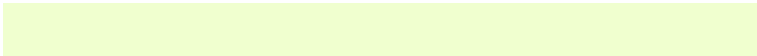
71.6574, 47.6313, 65.8260

Sweetspot

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



35.1421, 47.6334, 12.9729



82.9829, 94.5696, 72.6235



29.4015, 22.9006, 8.5016



17.4150, 20.0845, 14.5575



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.



35.1421, 47.6334, 12.9729



58.8247, 83.3275, 16.7377



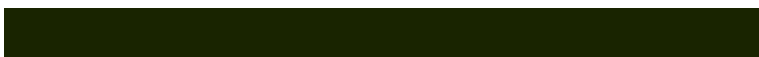
25.7199, 42.7761, 12.5320



11.1972, 12.2486, 11.3368



20.0033, 29.8074, 4.6991



1.0183, 1.4481, 0.2258

Inverse Universe

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



18.3924, 11.4769, 54.0720



26.7662, 13.8199, 95.8645



29.0898, 16.9916, 54.5726



10.3556, 10.4416, 13.3871



7.9310, 3.3228, 34.9677



0.4503, 0.1959, 1.6592

Previews

White Background



This preview shows how the XYZ color 35.1410, 47.6313, 12.9719 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 35.1410, 47.6313, 12.9719 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 35.1410, 47.6313, 12.9719

Background



This preview shows how black text looks on a background with the XYZ color 35.1410, 47.6313, 12.9719.



This preview shows how white text looks on a background with the XYZ color 35.1410, 47.6313,

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

35.1410, 47.6313, 12.9719

Protanopia

42.7895, 47.0860, 11.8343

Deuteranopia

48.1191, 47.1248, 13.3973



Tritanopia

44.6829, 47.2887, 60.8054

Trichromacy



Original Color

35.1410, 47.6313, 12.9719

Protanomaly

39.4601, 46.9246, 12.1318

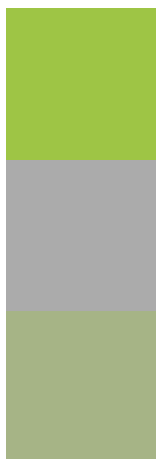
Deuteranomaly

42.2877, 46.4935, 13.0487

Tritanomaly

40.0135, 46.9870, 36.6662

Monochromacy



Original Color

35.1410, 47.6313, 12.9719

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

36.3502, 42.4707, 28.8361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1410, 47.6313, 12.9719 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(158, 197, 69)` looks like.

```
.text, #text, p{  
    color:rgb(158, 197, 69)  
}
```

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(158, 197, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 197, 69) }
```

Border

The CSS property to change the border of an element to XYZ 35.1410, 47.6313, 12.9719 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(158, 197, 69) }
```


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

```
.border{ border-color:rgb(158, 197, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 197, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 197, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 197, 69);  
box-shadow:4px 4px 4px 4px rgb(158, 197,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1410, 47.6313, 12.9719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 197, 69) }
```

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

```
.background{ background-color: rgb(158,  
197, 69) }
```

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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