

Converting Colors

XYZ(39.2906, 47.5678, 22.7335)

Have a look what the booklet for
XYZ(39.2906, 47.5678, 22.7335)
contains.

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Color

**XYZ(39.2906, 47.5678,
22.7335)**

Conversions

Conversions Part 1

Format	Color
Hex	AFBF71
RGB	175, 191, 113
RGB Percent	69%, 75%, 44%
CMY	0.3137, 0.2510, 0.5569
CMYK	0.08, 0.00, 0.41, 0.25
HSL	72°, 38%, 60%
HSV	72°, 41%, 75%
XYZ	39.2906, 47.5678, 22.7335
YIQ	177.3240, 15.5020, -27.6500

Conversions

Conversions Part 2

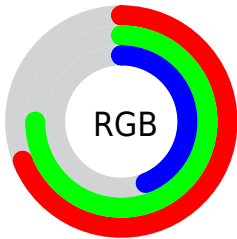
Format	Color
RYB	113, 191, 129
Decimal	11517809
CIELab	74.55, -17.84, 37.47
CIELCh	75, 41.505, 115.460
Yxy	47.5678, 0.3585, 0.4340
Android (android.graphics.Color)	4289707889 (0xFFAFBF71)
YUV	177.3240, -31.7117, -2.0381
Hunter-Lab	68.9694, -19.0083, 28.7356

Details

The XYZ color **39.2906, 47.5678, 22.7335** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **24.3643, 20.2403, 51.9156**, and the grayscale version is **42.1173, 44.3106, 48.2543**.

A 20% lighter version of the original color is **73.4224, 86.4305, 48.8894**, and **17.8708, 22.6008, 8.1231** is the 20% darker color. If you saturate the color by 10%, you get **37.4600, 46.7371, 17.6134**, and if you desaturate by 10%, it is **41.3754, 48.5065, 29.0487**.

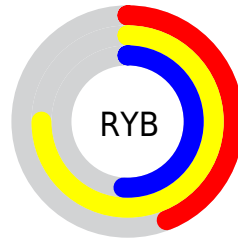
Distribution



Red (69%)

Green (75%)

Blue (44%)



Red (44%)

Yellow (75%)

Blue (51%)

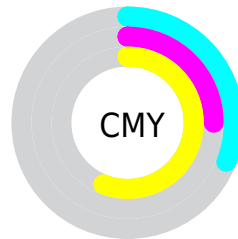


Cyan (8%)

Magenta (0%)

Yellow (41%)

Black (25%)



Cyan (31%)

Magenta (25%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2906, 47.5678, 22.7335 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 39.2906, 47.5678, 22.7335 by changing the saturation by 10% instead.


 39.2906, 47.5678,
22.7335


 39.2906, 47.5678,
22.7335


334.3103,
377.0764, 279.4306

 27.1676, 33.4847,
14.1934


 73.3733, 86.5606,
48.8730


 17.8364, 22.4981,
8.1150


 96.0637, 112.2390,
67.3095

 10.9316, 14.2233,
4.0798


 123.0073,
142.5515, 89.8818

 6.0878, 8.2761,
1.6692

 154.5694,
177.8822, 117.0086

 2.9397, 4.2722,
0.3395

191.1154,
218.6157, 149.1083

 1.1220, 1.8269,
0.0000

233.0107,

 0.0434, 0.5039,

265.1363, 186.5996

0.0000

280.6205,
317.8284, 229.9008

■ 0.0000, 0.0000,
0.0000

■ 39.2906, 47.5678,
22.7335

■ 39.2906, 47.5678,
22.7335

■ 37.4600, 46.7371,
17.6134

■ 41.3754, 48.5065,
29.0487

■ 35.8656, 46.0021,
13.6100

■ 43.7242, 49.5521,
36.6248

■ 34.4923, 45.3584,
10.6403


■ 46.3505, 50.7117,
45.5265


■ 33.3218, 44.7988,
8.6083


■ 49.2657, 51.9898,
55.8130

■ 32.3323, 44.3144,
7.4005


■ 52.4805, 53.3909,
67.5401

 31.5458, 43.9211,
6.8150

 56.0053, 54.9190,
80.7604

 59.8496, 56.5781,
95.5240

 62.2335, 57.6561,
102.4564

 63.3377, 58.2253,
102.5081

Harmonies

Analogous

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



46.3631, 47.5678, 20.5644



39.2906, 47.5678, 22.7335



34.3412, 47.5678, 31.7258

Triad

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



39.2906, 47.5678, 22.7335



37.5172, 47.5678, 93.8142



61.1677, 47.5678, 55.1321

Complementary

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



39.2906, 47.5678, 22.7335



24.3643, 20.2403, 51.9156

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.



58.1637, 47.5678, 78.9210



39.2906, 47.5678, 22.7335



44.0797, 47.5678, 104.8471

Square

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



39.2906, 47.5678, 22.7335



33.3996, 47.5678, 71.6570



51.6998, 47.5678, 98.7569



59.5246, 47.5678, 35.9881

Rectangle

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



39.2906, 47.5678, 22.7335



32.6383, 47.5678, 42.0997



51.6998, 47.5678, 98.7569



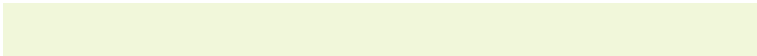
60.6594, 47.5678, 62.8711

Sweetspot

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



39.2918, 47.5699, 22.7345



82.3437, 90.5269, 79.2356



32.2659, 27.8654, 19.3014



17.9410, 19.8168, 16.9157



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.2918, 47.5699, 22.7345



67.4152, 83.8517, 32.4208



31.8315, 43.7240, 22.3854



10.1253, 11.0190, 10.1699



20.7981, 28.8977, 4.4816



0.8640, 1.1574, 0.1779

Inverse Universe

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



24.3643, 20.2403, 51.9156



37.0881, 28.2777, 91.7825



31.3742, 23.8540, 52.2436



9.1945, 9.3171, 11.9860



6.7896, 2.7862, 32.5728



0.3207, 0.1373, 1.2785

Previews

White Background



This preview shows how the XYZ color 39.2906, 47.5678, 22.7335 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 39.2906, 47.5678, 22.7335 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

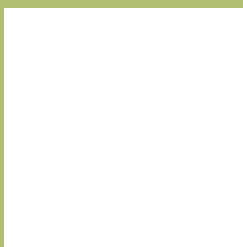
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.2906, 47.5678, 22.7335

Background



This preview shows how black text looks on a background with the XYZ color 39.2906, 47.5678, 22.7335.



This preview shows how white text looks on a background with the XYZ color 39.2906, 47.5678,

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

39.2906, 47.5678, 22.7335

Protanopia

43.5674, 47.2721, 21.5800

Deuteranopia

48.3597, 47.3165, 23.4138



Tritanopia

46.4953, 47.3476, 58.9130

Trichromacy



Original Color

39.2906, 47.5678, 22.7335

Protanomaly

41.9140, 47.3419, 21.9677

Deuteranomaly

44.5781, 47.1461, 23.2736

Tritanomaly

43.2880, 47.2749, 42.9198

Monochromacy



Original Color

39.2906, 47.5678, 22.7335

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

40.4652, 45.0191, 37.1287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2906, 47.5678, 22.7335 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(175, 191, 113)` looks like.

```
.text, #text, p{  
    color:rgb(175, 191, 113)  
}
```

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(175, 191, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 191, 113) }
```

Border

The CSS property to change the border of an element to XYZ 39.2906, 47.5678, 22.7335 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(175, 191, 113) }
```


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

```
.border{ border-color:rgb(175, 191, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 191, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 191, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 191, 113);  
box-shadow:4px 4px 4px 4px rgb(175, 191,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2906, 47.5678, 22.7335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 191, 113) }
```

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

```
.background{ background-color: rgb(175,  
191, 113) }
```

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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