

Converting Colors

XYZ(39.8760, 47.8971, 21.2349)

Have a look what the booklet for
XYZ(39.8760, 47.8971, 21.2349)
contains.

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Color

**XYZ(39.9280, 47.9280,
21.3340)**

Conversions

Conversions Part 1

Format	Color
Hex	B3BF6C
RGB	179, 191, 108
RGB Percent	70%, 75%, 42%
CMY	0.2980, 0.2510, 0.5765
CMYK	0.06, 0.00, 0.43, 0.25
HSL	69°, 39%, 59%
HSV	69°, 43%, 75%
XYZ	39.9280, 47.9280, 21.3340
YIQ	177.9500, 19.4910, -28.3570

Conversions

Conversions Part 2

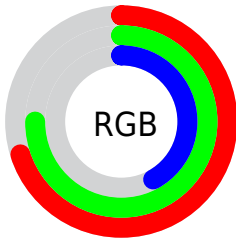
Format	Color
RYB	108, 191, 120
Decimal	11779948
CIELab	74.78, -16.82, 40.35
CIELCh	75, 43.719, 112.629
Yxy	47.9280, 0.3657, 0.4389
Android (android.graphics.Color)	4289970028 (0xFFB3BF6C)
YUV	177.9500, -34.4853, 0.9209
Hunter-Lab	69.2301, -18.2038, 30.1902

Details

The XYZ color **39.9280, 47.9280, 21.3340** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **22.5140, 18.4810, 51.6735**, and the grayscale version is **42.4610, 44.6722, 48.6481**.

A 20% lighter version of the original color is **74.2859, 86.9276, 46.5816**, and **18.3096, 22.8424, 7.4470** is the 20% darker color. If you saturate the color by 10%, you get **38.3892, 47.2411, 16.5248**, and if you desaturate by 10%, it is **41.7047, 48.7149, 27.3187**.

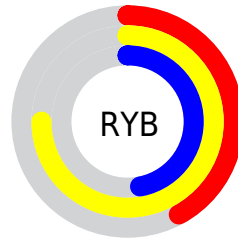
Distribution



Red (70%)

Green (75%)

Blue (42%)



Red (42%)

Yellow (75%)

Blue (47%)

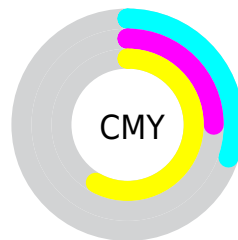


Cyan (6%)

Magenta (0%)

Yellow (43%)

Black (25%)



Cyan (30%)

Magenta (25%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.9280, 47.9280, 21.3340 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 39.9280, 47.9280, 21.3340 by changing the saturation by 10% instead.

■ 39.9280, 47.9280,
21.3340

■ 39.9280, 47.9280,
21.3340

336.9596,
378.5067, 271.8873

■ 27.6664, 33.7699,
13.1747

■ 74.3389, 87.0972,
46.5307

■ 18.2135, 22.7169,
7.4168

■ 97.2189, 112.8770,
64.4053

■ 11.2040, 14.3846,
3.6418

■ 124.3690,
143.2996, 86.3554

■ 6.2725, 8.3886,
1.4309

■ 156.1547,
178.7493, 112.7995

■ 3.0537, 4.3446,
0.1657

192.9412,
219.6104, 144.1562

■ 1.1822, 1.8681,
0.0000

235.0940,

■ 0.0923, 0.5291,

266.2674, 180.8441

0.0000

282.9783,
319.1047, 223.2816

■ 0.0000, 0.0000,
0.0000

■ 39.9280, 47.9280,
21.3340

■ 39.9280, 47.9280,
21.3340

■ 38.3892, 47.2411,
16.5248

■ 41.7047, 48.7149,
27.3187

■ 37.0699, 46.6419,
12.8106

■ 43.7292, 49.6007,
34.5463

■ 35.9548, 46.1257,
10.1057


■ 46.0150, 50.5925,
43.0826


■ 35.0250, 45.6852,
8.3103


■ 48.5738, 51.6950,
52.9880


■ 34.2574, 45.3109,
7.3044


■ 51.4162, 52.9124,
64.3191

 33.8139, 45.0903,
6.9211

 54.5526, 54.2490,
77.1293

 57.9925, 55.7085,
91.4692

 60.7962, 56.9151,
102.3891

 61.5461, 57.3017,
102.4242

Harmonies

Analogous

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



47.5413, 47.9280, 19.7211



39.9280, 47.9280, 21.3340



34.4649, 47.9280, 29.8882

Triad

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



39.9280, 47.9280, 21.3340



36.9003, 47.9280, 95.2246



62.4373, 47.9280, 57.9992

Complementary

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



39.9280, 47.9280, 21.3340



22.5140, 18.4810, 51.6735

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.



58.7984, 47.9280, 83.4832



39.9280, 47.9280, 21.3340



43.6231, 47.9280, 108.6777

Square

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



39.9280, 47.9280, 21.3340



32.8638, 47.9280, 70.8843



51.6854, 47.9280, 103.8503



61.1514, 47.9280, 37.1032

Rectangle

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



39.9280, 47.9280, 21.3340



32.4799, 47.9280, 40.1879



51.6854, 47.9280, 103.8503



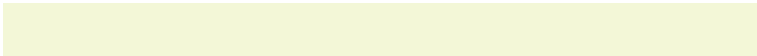
61.7363, 47.9280, 66.3606

Sweetspot

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



39.9292, 47.9302, 21.3350



82.5171, 90.6533, 77.5698



30.7991, 25.3699, 17.4617



17.9093, 19.8155, 16.2341



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.



39.9292, 47.9302, 21.3350



68.9139, 84.6777, 30.0795



31.8924, 43.7870, 20.9589



10.1829, 11.0487, 10.1726



22.2733, 29.6582, 4.5507



0.9101, 1.1811, 0.1800

Inverse Universe

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



22.5140, 18.4810, 51.6735



33.7779, 25.2124, 91.3653



29.3789, 22.0200, 51.9948



9.1415, 9.2898, 11.9835



6.5305, 2.6526, 32.5607



0.2975, 0.1254, 1.2774

Previews

White Background



This preview shows how the XYZ color 39.9280, 47.9280, 21.3340 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 39.9280, 47.9280, 21.3340 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

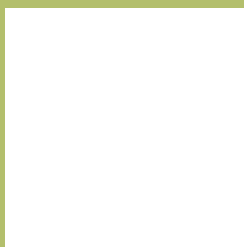
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.9280, 47.9280, 21.3340

Background



This preview shows how black text looks on a background with the XYZ color 39.9280, 47.9280, 21.3340.



This preview shows how white text looks on a background with the XYZ color 39.9280, 47.9280,

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

39.9280, 47.9280, 21.3340

Protanopia

44.0474, 47.8575, 20.2805

Deuteranopia

48.6860, 47.5178, 21.9350



Tritanopia

47.3605, 47.8067, 58.3612

Trichromacy



Original Color

39.9280, 47.9280, 21.3340

Protanomaly

42.6200, 48.0506, 20.6640

Deuteranomaly

45.1252, 47.4608, 21.8214

Tritanomaly

43.9674, 47.6566, 41.5316

Monochromacy



Original Color

39.9280, 47.9280, 21.3340

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.0434, 45.6319, 36.7816

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9280, 47.9280, 21.3340 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(179, 191, 108)` looks like.

```
.text, #text, p{  
    color:rgb(179, 191, 108)  
}
```

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(179, 191, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 191, 108) }
```

Border

The CSS property to change the border of an element to XYZ 39.9280, 47.9280, 21.3340 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(179, 191, 108) }
```


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

```
.border{ border-color:rgb(179, 191, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 191, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 191, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 191, 108); box-shadow:4px 4px 4px 4px rgb(179, 191, 108) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9280, 47.9280, 21.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 191, 108) }
```

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

```
.background{ background-color: rgb(179,  
191, 108) }
```

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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