

Converting Colors

XYZ(39.4929, 44.9609, 17.1921)

Have a look what the booklet for
XYZ(39.4929, 44.9609, 17.1921)
contains.

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Color

**XYZ(39.4874, 44.9554,
17.1857)**

Conversions

Conversions Part 1

Format	Color
Hex	BCB65E
RGB	188, 182, 94
RGB Percent	74%, 71%, 37%
CMY	0.2627, 0.2863, 0.6314
CMYK	0.00, 0.03, 0.50, 0.26
HSL	56°, 41%, 55%
HSV	56°, 50%, 74%
XYZ	39.4874, 44.9554, 17.1857
YIQ	173.7620, 31.8240, -26.0960

Conversions

Conversions Part 2

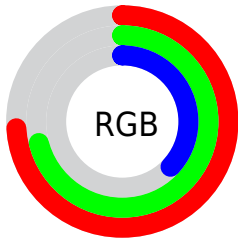
Format	Color
RYB	100, 188, 94
Decimal	12367454
CIELab	72.86, -9.94, 45.13
CIELCh	73, 46.208, 102.424
Yxy	44.9554, 0.3885, 0.4424
Android (android.graphics.Color)	4290557534 (0xFFBCB65E)
YUV	173.7620, -39.3227, 12.4867
Hunter-Lab	67.0488, -12.2104, 31.7372

Details

The XYZ color **39.4874, 44.9554, 17.1857** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **18.2504, 15.1245, 49.5344**, and the grayscale version is **40.2949, 42.3933, 46.1663**.

A 20% lighter version of the original color is **73.7689, 82.8172, 39.2914**, and **17.9777, 20.8689, 5.4634** is the 20% darker color. If you saturate the color by 10%, you get **38.5004, 44.1710, 13.1897**, and if you desaturate by 10%, it is **40.6841, 45.8304, 22.2664**.

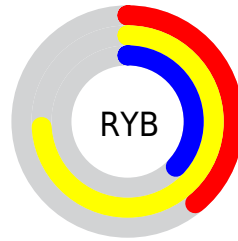
Distribution



Red (74%)

Green (71%)

Blue (37%)



Red (39%)

Yellow (74%)

Blue (37%)

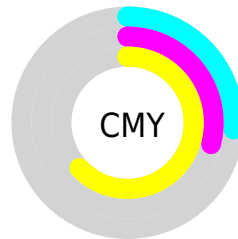


Cyan (0%)

Magenta (3%)

Yellow (50%)

Black (26%)



Cyan (26%)

Magenta (29%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4874, 44.9554, 17.1857 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 39.4874, 44.9554, 17.1857 by changing the saturation by 10% instead.

■ 39.4874, 44.9554,
17.1857

■ 39.4874, 44.9554,
17.1857

335.1299,
366.5929, 248.3203

■ 27.3215, 31.4223,
10.2036

■ 73.6716, 82.6535,
39.4398

■ 17.9527, 20.9206,
5.4268

■ 96.4207, 107.5872,
55.5489

■ 11.0155, 13.0660,
2.4367

■ 123.4282,
137.0900, 75.5374

■ 6.1446, 7.4740,
0.8063

■ 155.0595,
171.5462, 99.8239

■ 2.9747, 3.7603,
0.0000

191.6800,
211.3402, 128.8269

■ 1.1404, 1.5404,
0.0000

233.6550,

■ 0.0585, 0.3169,

256.8564, 162.9650

0.0000

281.3498,
308.4791, 202.6566

■ 0.0000, 0.0000,
0.0000

■ 39.4874, 44.9554,
17.1857

■ 39.4874, 44.9554,
17.1857

■ 38.5004, 44.1710,
13.1897

■ 40.6841, 45.8304,
22.2664

■ 37.7047, 43.4648,
10.1955

■ 42.1011, 46.7951,
28.5008

■ 37.0842, 42.8321,
8.1131


■ 43.7517, 47.8567,
35.9556


■ 36.6183, 42.2645,
6.8352


■ 45.6476, 49.0199,
44.6917


■ 36.2663, 41.7459,
6.1464


■ 47.7996, 50.2888,
54.7657

 36.2662, 41.7458,
6.1463

 50.2178, 51.6676,
66.2310

 52.9118, 53.1602,
79.1380

 55.8907, 54.7701,
93.5346

 57.8140, 55.9613,
102.3622

Harmonies

Analogous

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



47.5708, 44.9554, 17.7037



39.4874, 44.9554, 17.1857



33.1224, 44.9554, 22.9943

Triad

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



39.4874, 44.9554, 17.1857



32.2998, 44.9554, 85.3173



59.2316, 44.9554, 63.5779

Complementary

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



39.4874, 44.9554, 17.1857



18.2504, 15.1245, 49.5344

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.



54.0331, 44.9554, 89.4602



39.4874, 44.9554, 17.1857



38.2270, 44.9554, 104.4725

Square

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



39.4874, 44.9554, 17.1857



29.3360, 44.9554, 59.1086



46.1428, 44.9554, 106.1901



59.6801, 44.9554, 40.0255

Rectangle

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



39.4874, 44.9554, 17.1857



30.4348, 44.9554, 31.1756



46.1428, 44.9554, 106.1901



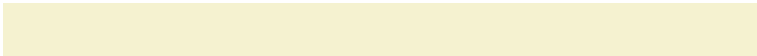
57.9543, 44.9554, 72.4471

Sweetspot

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



39.4885, 44.9575, 17.1866



80.8701, 87.7118, 72.3939



27.0552, 19.6225, 14.4865



17.2377, 18.7676, 14.8642



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



39.4885, 44.9575, 17.1866



69.6195, 79.9213, 23.2925



32.0844, 43.0024, 17.1995



10.2687, 11.0135, 10.1612



24.7127, 28.4643, 4.1917



0.9839, 1.1467, 0.1695

Inverse Universe

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



18.2504, 15.1245, 49.5344



26.7670, 19.7481, 88.6272



23.0290, 16.7656, 49.5993



9.0641, 9.3204, 11.9935



6.2896, 2.6910, 32.5808



0.2633, 0.1392, 1.2818

Previews

White Background



This preview shows how the XYZ color 39.4874, 44.9554, 17.1857 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 39.4874, 44.9554, 17.1857 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 39.4874, 44.9554, 17.1857

Background



This preview shows how black text looks on a background with the XYZ color 39.4874, 44.9554, 17.1857.



This preview shows how white text looks on a background with the XYZ color 39.4874, 44.9554,

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

39.4874, 44.9554, 17.1857

Protanopia

41.1218, 44.9008, 16.8553

Deuteranopia

45.7458, 44.6726, 17.5209



Tritanopia

46.5354, 44.8781, 52.1086

Trichromacy



Original Color

39.4874, 44.9554, 17.1857

Protanomaly

40.5452, 44.9022, 16.8860

Deuteranomaly

43.2598, 44.5265, 17.3808

Tritanomaly

43.4410, 44.7870, 36.0609

Monochromacy



Original Color

39.4874, 44.9554, 17.1857

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

39.4234, 43.0723, 33.0240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4874, 44.9554, 17.1857 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(188, 182, 94)` looks like.

```
.text, #text, p{  
    color:rgb(188, 182, 94)  
}
```

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(188, 182, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 182, 94) }
```

Border

The CSS property to change the border of an element to XYZ 39.4874, 44.9554, 17.1857 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(188, 182, 94) }
```


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

```
.border{ border-color:rgb(188, 182, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 182, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 182, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 182, 94);  
box-shadow:4px 4px 4px 4px rgb(188, 182,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4874, 44.9554, 17.1857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 182, 94) }
```

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

```
.background{ background-color: rgb(188,  
182, 94) }
```

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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