

Converting Colors

XYZ(36.6684, 47.2328, 38.9284)

Have a look what the booklet for
XYZ(36.6684, 47.2328, 38.9284)
contains.

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Color

**XYZ(36.5854, 47.1273,
39.0665)**

Conversions

Conversions Part 1

Format	Color
Hex	8DC39D
RGB	141, 195, 157
RGB Percent	55%, 76%, 62%
CMY	0.4471, 0.2353, 0.3843
CMYK	0.28, 0.00, 0.19, 0.24
HSL	138°, 31%, 66%
HSV	138°, 28%, 76%
XYZ	36.5854, 47.1273, 39.0665
YIQ	174.5220, -19.9860, -23.2660

Conversions

Conversions Part 2

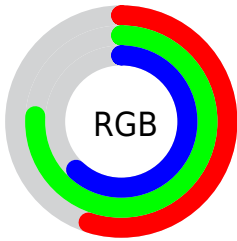
Format	Color
RYB	141, 183, 195
Decimal	9290653
CIELab	74.27, -25.39, 13.52
CIELCh	74, 28.763, 151.955
Yxy	47.1273, 0.2980, 0.3838
Android (android.graphics.Color)	4287480733 (0xFF8DC39D)
YUV	174.5220, -8.6383, -29.3988
Hunter-Lab	68.6493, -25.0080, 14.3142

Details

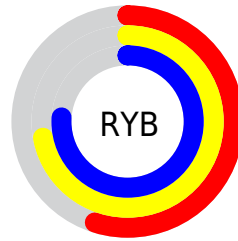
The XYZ color **36.5854, 47.1273, 39.0665** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.1688, 33.9075, 47.0774**, and the grayscale version is **40.5522, 42.6641, 46.4612**.

A 20% lighter version of the original color is **69.4590, 86.1100, 75.2474**, and **16.2462, 22.2142, 17.0672** is the 20% darker color. If you saturate the color by 10%, you get **32.4506, 45.1249, 33.0972**, and if you desaturate by 10%, it is **41.4381, 49.4872, 45.7584**.

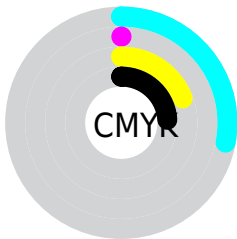
Distribution



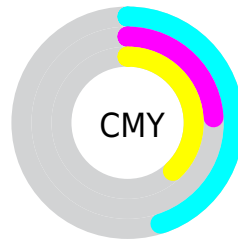
- Red (55%)
- Green (76%)
- Blue (62%)



- Red (55%)
- Yellow (72%)
- Blue (76%)



- Cyan (28%)
- Magenta (0%)
- Yellow (19%)
- Black (24%)



- Cyan (45%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5854, 47.1273, 39.0665 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 36.5854, 47.1273, 39.0665 by changing the saturation by 10% instead.

■ 36.5854, 47.1273,
39.0665

■ 36.5854, 47.1273,
39.0665

322.8988,
375.3224, 357.6075

■ 25.0588, 33.1363,
26.5032

■ 69.2526, 85.9036,
74.9614

■ 16.2499, 22.2309,
16.9714

■ 91.1241, 111.4577,
99.1300

■ 9.7931, 14.0266,
10.0523

■ 117.1745,
141.6350, 128.0043

■ 5.3232, 8.1392,
5.3276

147.7692,
176.8198, 162.0026

■ 2.4748, 4.1841,
2.3787

183.2737,
217.3965, 201.5435

■ 0.8826, 1.7771,
0.7748

224.0532,

■ 0.0000, 0.4728,

263.7496, 247.0456

0.0000

270.4731,
316.2635, 298.9275

■ 0.0000, 0.0000,
0.0000

■ 36.5854, 47.1273,
39.0665

■ 36.5854, 47.1273,
39.0665

■ 32.4506, 45.1249,
33.0972

■ 41.4381, 49.4872,
45.7584

■ 28.9951, 43.4567,
27.8231

■ 47.0375, 52.2151,
53.1928

■ 26.1821, 42.1055,
23.2196

■ 53.4154, 55.3281,
61.3928

■ 23.9697, 41.0503,
19.2594

■ 60.6004, 58.8406,
70.3795

■ 22.3109, 40.2676,
15.9136

■ 68.6198, 62.7663,
80.1732

■ 21.1513, 39.7297,
13.1506

■ 76.3860, 66.5440,
90.7413

■ 20.4131, 39.3974,
10.9354

■ 78.4953, 67.3878,
101.8488

■ 20.2741, 39.3353,
10.4973

■ 78.8060, 67.5121,
103.4853

Harmonies

Analogous

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



39.7386, 47.1273, 30.7626



36.5854, 47.1273, 39.0665



35.5806, 47.1273, 52.2905

Triad

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



36.5854, 47.1273, 39.0665



45.1329, 47.1273, 85.3210



53.7611, 47.1273, 37.6814

Complementary

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



36.5854, 47.1273, 39.0665



40.1688, 33.9075, 47.0774

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.



55.4725, 47.1273, 50.3490



36.5854, 47.1273, 39.0665



50.2589, 47.1273, 79.4343

Square

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



36.5854, 47.1273, 39.0665



40.2831, 47.1273, 80.7404



54.1448, 47.1273, 65.8851



49.6277, 47.1273, 30.0776

Rectangle

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



36.5854, 47.1273, 39.0665



36.1971, 47.1273, 62.7022



54.1448, 47.1273, 65.8851



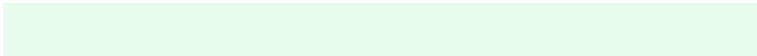
54.6524, 47.1273, 41.3949

Sweetspot

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



36.5867, 47.1293, 39.0676



83.7807, 93.2892, 94.6632



43.0772, 50.6229, 32.7005



17.9930, 20.2567, 20.2660



0.0000, 0.0000, 0.0000



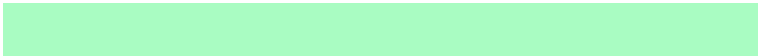
20.3446, 21.4041, 23.3091

Same Dimension

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



36.5867, 47.1293, 39.0676



61.0624, 82.2416, 63.5918



39.0796, 48.1264, 52.1952



10.0645, 11.3068, 11.3429



13.2090, 25.5777, 6.9939



0.6018, 1.1176, 0.4660

Inverse Universe

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



40.1688, 33.9075, 47.0774



68.4936, 54.7967, 80.1958



37.7569, 32.9428, 34.3766



10.3660, 10.1950, 12.0180



17.6110, 8.7342, 16.3955



0.7900, 0.3890, 0.8614

Previews

White Background



This preview shows how the XYZ color 36.5854, 47.1273, 39.0665 looks on a white background.

Color Contrast Check

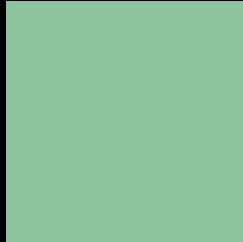
Large Text (above 18pt) WCAG AA × Fail

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 36.5854, 47.1273, 39.0665 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

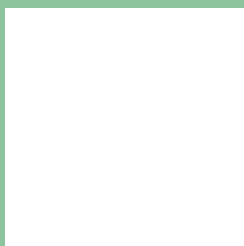
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.5854, 47.1273, 39.0665

Background



This preview shows how black text looks on a background with the XYZ color 36.5854, 47.1273, 39.0665.



This preview shows how white text looks on a background with the XYZ color 36.5854, 47.1273,

39.0665.

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

36.5854, 47.1273, 39.0665

Protanopia

43.9712, 46.8644, 35.5824

Deuteranopia

47.4951, 46.4986, 40.1901



Tritanopia

41.6744, 47.2389, 64.0483

Trichromacy



Original Color

36.5854, 47.1273, 39.0665

Protanomaly

40.7537, 46.7248, 37.0078

Deuteranomaly

42.6016, 46.0612, 39.9031

Tritanomaly

39.6331, 47.0525, 54.0069

Monochromacy



Original Color

36.5854, 47.1273, 39.0665

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

38.9001, 44.0696, 43.5018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5854, 47.1273, 39.0665 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(141, 195, 157)` looks like.

```
.text, #text, p{  
    color:rgb(141, 195, 157)  
}
```

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(141, 195, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 195, 157) }
```

Border

The CSS property to change the border of an element to XYZ 36.5854, 47.1273, 39.0665 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(141, 195, 157) }
```


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

```
.border{ border-color:rgb(141, 195, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 195, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 195, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 195, 157);  
box-shadow:4px 4px 4px 4px rgb(141, 195,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5854, 47.1273, 39.0665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 195, 157) }
```

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

```
.background{ background-color: rgb(141,  
195, 157) }
```

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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