

Converting Colors

XYZ(39.0124, 47.4434, 36.3339)

Have a look what the booklet for
XYZ(39.0124, 47.4434, 36.3339)
contains.

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Color

**XYZ(38.9328, 47.4072,
36.3767)**

Conversions

Conversions Part 1

Format	Color
Hex	A0C097
RGB	160, 192, 151
RGB Percent	63%, 75%, 59%
CMY	0.3725, 0.2470, 0.4078
CMYK	0.17, 0.00, 0.21, 0.25
HSL	107°, 25%, 67%
HSV	107°, 21%, 75%
XYZ	38.9328, 47.4072, 36.3767
YIQ	177.7580, -5.9110, -19.5350

Conversions

Conversions Part 2

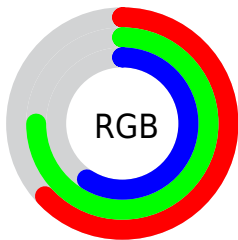
Format	Color
RYB	151, 192, 183
Decimal	10535063
CIELab	74.45, -18.54, 17.17
CIELCh	74, 25.267, 137.191
Yxy	47.4072, 0.3173, 0.3863
Android (android.graphics.Color)	4288725143 (0xFFA0C097)
YUV	177.7580, -13.1917, -15.5738
Hunter-Lab	68.8529, -19.5599, 16.8726

Details

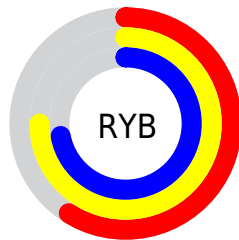
The XYZ color **38.9328, 47.4072, 36.3767** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.1113, 36.0076, 54.7077**, and the grayscale version is **42.2598, 44.4606, 48.4176**.

A 20% lighter version of the original color is **72.6112, 85.9897, 70.5283**, and **17.5731, 22.2852, 15.4319** is the 20% darker color. If you saturate the color by 10%, you get **34.6815, 45.3827, 28.6904**, and if you desaturate by 10%, it is **43.8018, 49.7235, 45.4195**.

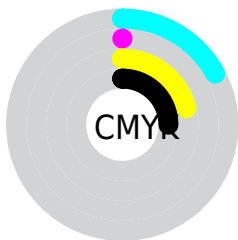
Distribution



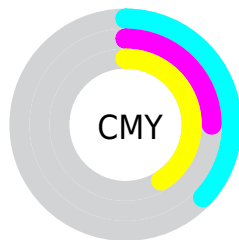
- Red (63%)
- Green (75%)
- Blue (59%)



- Red (59%)
- Yellow (75%)
- Blue (72%)



- Cyan (17%)
- Magenta (0%)
- Yellow (21%)
- Black (25%)





- Cyan (37%)
- Magenta (25%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9328, 47.4072, 36.3767 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 38.9328, 47.4072, 36.3767 by changing the saturation by 10% instead.


 38.9328, 47.4072,
36.3767


 38.9328, 47.4072,
36.3767


332.8168,
376.4376, 345.6911

 26.8879, 33.3577,
24.4333


 72.8304, 86.3211,
70.7887

 17.6252, 22.4006,
15.4402


 95.4138, 111.9543,
94.0943

 10.7793, 14.1515,
8.9788


122.2408,
142.2175, 122.0244

 5.9848, 8.2261,
4.6308

153.6767,
177.4951, 154.9976

 2.8764, 4.2400,
1.9774

190.0869,
218.1716, 193.4322

 1.0888, 1.8087,
0.5413

231.8368,

 0.0157, 0.4926,

264.6312, 237.7471

0.0000

279.2916,
317.2584, 288.3605

■ 0.0000, 0.0000,
0.0000

■ 38.9328, 47.4072,
36.3767

■ 38.9328, 47.4072,
36.3767

■ 34.6815, 45.3827,
28.6904

■ 43.8018, 49.7235,
45.4195

■ 31.0191, 43.6325,
22.2923

■ 49.3082, 52.3365,
55.8767

■ 27.9200, 42.1463,
17.1127

■ 55.4758, 55.2583,
67.8062

■ 25.3551, 40.9108,
13.0742

■ 62.3257, 58.4988,
81.2622

■ 23.2928, 39.9115,
10.0904

■ 69.8782, 62.0673,
96.2960

■ 21.6978, 39.1325,
8.0628

■ 76.2956, 65.2300,
103.1772

■ 20.5295, 38.5553,
6.8739

■ 78.1406, 66.1811,
103.2635

■ 19.8112, 38.1964,
6.3285

Harmonies

Analogous

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



42.5191, 47.4072, 31.1679



38.9328, 47.4072, 36.3767



37.0449, 47.4072, 46.2533

Triad

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



38.9328, 47.4072, 36.3767



43.1446, 47.4072, 80.1529



53.9573, 47.4072, 44.5523

Complementary

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



38.9328, 47.4072, 36.3767



40.1113, 36.0076, 54.7077

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.



54.1530, 47.4072, 57.3831



38.9328, 47.4072, 36.3767



47.6983, 47.4072, 79.4889

Square

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



38.9328, 47.4072, 36.3767



39.3641, 47.4072, 72.2995



51.7966, 47.4072, 70.6146



51.2786, 47.4072, 35.3130

Rectangle

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



38.9328, 47.4072, 36.3767



36.9142, 47.4072, 54.8232



51.7966, 47.4072, 70.6146



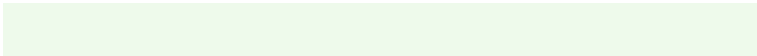
54.3218, 47.4072, 48.5409

Sweetspot

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



38.9341, 47.4092, 36.3777



84.4624, 92.5131, 91.9312



44.1429, 47.0766, 36.0390



17.9795, 19.7805, 19.4555



92.9021, 97.7402, 106.4391



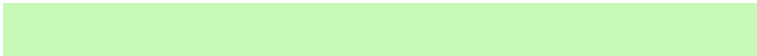
19.4759, 20.4902, 22.3138

Same Dimension

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



38.9341, 47.4092, 36.3777



66.5065, 83.9764, 58.5618



38.1292, 46.8869, 41.1929



10.1466, 11.3630, 10.7204



13.3858, 25.7295, 4.2608



0.6391, 1.1430, 0.1869

Inverse Universe

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



40.1113, 36.0076, 54.7077



69.0454, 59.3340, 98.1738



41.1539, 36.6799, 48.6647



10.2740, 10.1324, 12.6991



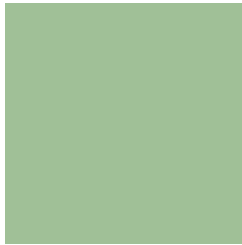
14.9166, 6.9502, 34.1119



0.6994, 0.3286, 1.4764

Previews

White Background



This preview shows how the XYZ color 38.9328, 47.4072, 36.3767 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 38.9328, 47.4072, 36.3767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

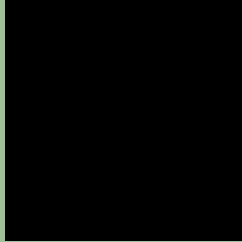
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.9328, 47.4072, 36.3767

Background



This preview shows how black text looks on a background with the XYZ color 38.9328, 47.4072, 36.3767.



This preview shows how white text looks on a background with the XYZ color 38.9328, 47.4072,

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

38.9328, 47.4072, 36.3767

Protanopia

44.1644, 47.0006, 33.9384

Deuteranopia

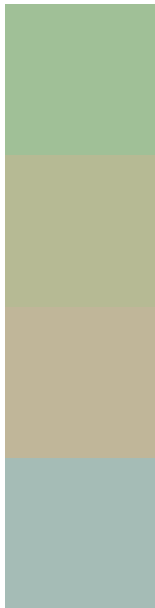
47.9364, 47.0854, 37.1337



Tritanopia

43.9227, 47.1929, 61.4377

Trichromacy



Original Color

38.9328, 47.4072, 36.3767

Protanomaly

42.1956, 47.2010, 34.9037

Deuteranomaly

44.2159, 46.9623, 36.8712

Tritanomaly

41.9438, 47.3432, 51.1834

Monochromacy



Original Color

38.9328, 47.4072, 36.3767

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

40.7960, 45.3521, 43.6494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9328, 47.4072, 36.3767 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(160, 192, 151)` looks like.

```
.text, #text, p{  
    color:rgb(160, 192, 151)  
}
```

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(160, 192, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 192, 151) }
```

Border

The CSS property to change the border of an element to XYZ 38.9328, 47.4072, 36.3767 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(160, 192, 151) }
```


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

```
.border{ border-color:rgb(160, 192, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 192, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 192, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 192, 151);  
box-shadow:4px 4px 4px 4px rgb(160, 192,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9328, 47.4072, 36.3767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 192, 151) }
```

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

```
.background{ background-color: rgb(160,  
192, 151) }
```

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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