

Converting Colors

XYZ(39.1981, 47.3375, 34.7847)

Have a look what the booklet for
XYZ(39.1981, 47.3375, 34.7847)
contains.

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Color

**XYZ(39.2071, 47.2607,
34.6596)**

Conversions

Conversions Part 1

Format	Color
Hex	A4BF93
RGB	164, 191, 147
RGB Percent	64%, 75%, 58%
CMY	0.3569, 0.2510, 0.4235
CMYK	0.14, 0.00, 0.23, 0.25
HSL	97°, 26%, 66%
HSV	97°, 23%, 75%
XYZ	39.2071, 47.2607, 34.6596
YIQ	177.9110, -1.9680, -19.4080

Conversions

Conversions Part 2

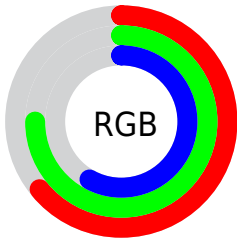
Format	Color
RYB	147, 191, 174
Decimal	10796947
CIELab	74.36, -17.26, 19.23
CIElCh	74, 25.842, 131.919
Yxy	47.2607, 0.3237, 0.3902
Android (android.graphics.Color)	4288987027 (0xFFA4BF93)
YUV	177.9110, -15.2391, -12.1999
Hunter-Lab	68.7464, -18.5050, 18.2305

Details

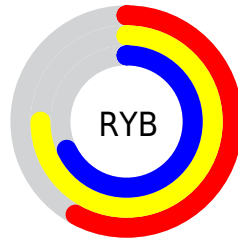
The XYZ color **39.2071, 47.2607, 34.6596** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.2952, 33.6291, 53.8181**, and the grayscale version is **42.3497, 44.5552, 48.5206**.

A 20% lighter version of the original color is **73.0168, 85.7986, 67.9707**, and **17.8819, 22.4662, 14.4603** is the 20% darker color. If you saturate the color by 10%, you get **35.5227, 45.5218, 27.3024**, and if you desaturate by 10%, it is **43.3658, 49.2182, 43.3400**.

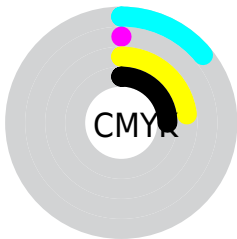
Distribution



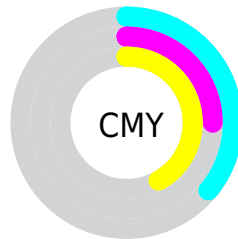
- Red (64%)
- Green (75%)
- Blue (58%)



- Red (58%)
- Yellow (75%)
- Blue (68%)



- Cyan (14%)
- Magenta (0%)
- Yellow (23%)
- Black (25%)



- Cyan (36%)
- Magenta (25%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2071, 47.2607, 34.6596 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 39.2071, 47.2607, 34.6596 by changing the saturation by 10% instead.

■ 39.2071, 47.2607,
34.6596

■ 39.2071, 47.2607,
34.6596

333.9622,
375.8542, 337.9218

■ 27.1023, 33.2418,
23.1193

■ 73.2466, 86.1026,
68.1037

■ 17.7871, 22.3117,
14.4755

■ 95.9121, 111.6945,
90.8446

■ 10.8960, 14.0861,
8.3096

122.8285,
141.9127, 118.1561

■ 6.0637, 8.1806,
4.2031

154.3612,
177.1418, 150.4567

■ 2.9249, 4.2107,
1.7374

190.8756,
217.7661, 188.1651

■ 1.1142, 1.7921,
0.3862

232.7370,

■ 0.0369, 0.4823,

264.1700, 231.6997

0.0000

280.3107,
316.7379, 281.4791

■ 0.0000, 0.0000,
0.0000

■ 39.2071, 47.2607,
34.6596

■ 39.2071, 47.2607,
34.6596

■ 35.5227, 45.5218,
27.3024

■ 43.3658, 49.2182,
43.3400

■ 32.2908, 43.9874,
21.2004

■ 48.0124, 51.3957,
53.4010

■ 29.4928, 42.6509,
16.2842

■ 53.1644, 53.8025,
64.9004

■ 27.1077, 41.5031,
12.4763

■ 58.8372, 56.4453,
77.8916

■ 25.1123, 40.5340,
9.6903

■ 65.0457, 59.3306,
92.4255

■ 23.4803, 39.7323,
7.8267

■ 70.7221, 62.0319,
102.8536

■ 22.1816, 39.0849,
6.7660

■ 74.7061, 64.0858,
103.0401

■ 21.4395, 38.7110,
6.3420

■ 77.9218, 65.7435,
103.1906

Harmonies

Analogous

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



43.0983, 47.2607, 30.2498



39.2071, 47.2607, 34.6596



36.9448, 47.2607, 43.9135

Triad

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



39.2071, 47.2607, 34.6596



42.2016, 47.2607, 79.8425



54.2488, 47.2607, 46.3491

Complementary

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



39.2071, 47.2607, 34.6596



37.2952, 33.6291, 53.8181

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.



53.9672, 47.2607, 59.8225



39.2071, 47.2607, 34.6596



46.7920, 47.2607, 80.8011

Square

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



39.2071, 47.2607, 34.6596



38.5897, 47.2607, 70.5330



51.1623, 47.2607, 72.9618



51.9070, 47.2607, 36.1766

Rectangle

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



39.2071, 47.2607, 34.6596



36.5629, 47.2607, 52.3213



51.1623, 47.2607, 72.9618



54.4621, 47.2607, 50.6059

Sweetspot

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



39.2083, 47.2627, 34.6606



82.4889, 90.4081, 87.9919



41.7746, 43.2256, 33.7461



18.0016, 19.8002, 19.0788



92.9021, 97.7402, 106.4391



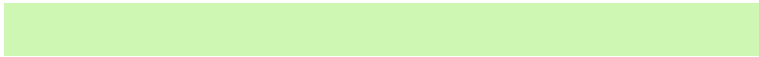
19.4759, 20.4902, 22.3138

Same Dimension

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



39.2083, 47.2627, 34.6606



66.5478, 82.9113, 54.6640



36.2833, 45.7142, 36.3610



9.7479, 10.8245, 10.1522



14.1731, 25.4824, 4.1716



0.6287, 1.0361, 0.1668

Inverse Universe

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



37.2952, 33.6291, 53.8181



62.4768, 53.9230, 95.3944



40.8483, 35.5159, 51.4941



9.5633, 9.5073, 12.0033



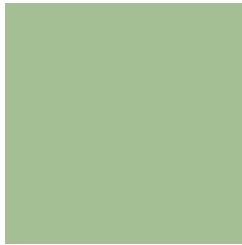
11.1124, 5.0147, 32.7752



0.5063, 0.2331, 1.2872

Previews

White Background



This preview shows how the XYZ color 39.2071, 47.2607, 34.6596 looks on a white background.

Color Contrast Check

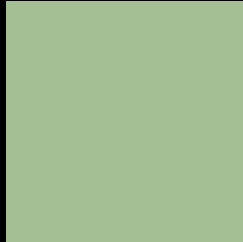
Large Text (above 18pt) WCAG AA × Fail

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 39.2071, 47.2607, 34.6596 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 39.2071, 47.2607, 34.6596

Background



This preview shows how black text looks on a background with the XYZ color 39.2071, 47.2607, 34.6596.



This preview shows how white text looks on a background with the XYZ color 39.2071, 47.2607,

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

39.2071, 47.2607, 34.6596

Protanopia

43.9340, 46.9084, 32.7253

Deuteranopia

47.6990, 46.7108, 35.3562



Tritanopia

44.4626, 47.1752, 60.7951

Trichromacy



Original Color

39.2071, 47.2607, 34.6596

Protanomaly

41.9114, 46.7788, 33.2058

Deuteranomaly

44.1968, 46.6870, 35.1158

Tritanomaly

42.3707, 47.2710, 50.0710

Monochromacy



Original Color

39.2071, 47.2607, 34.6596

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.1421, 45.5412, 43.1811

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2071, 47.2607, 34.6596 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(164, 191, 147)` looks like.

```
.text, #text, p{  
    color:rgb(164, 191, 147)  
}
```

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(164, 191, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 191, 147) }
```

Border

The CSS property to change the border of an element to XYZ 39.2071, 47.2607, 34.6596 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(164, 191, 147) }
```


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

```
.border{ border-color:rgb(164, 191, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 191, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 191, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 191, 147);  
box-shadow:4px 4px 4px 4px rgb(164, 191,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2071, 47.2607, 34.6596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 191, 147) }
```

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

```
.background{ background-color: rgb(164,  
191, 147) }
```

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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