

Converting Colors

XYZ(34.4713, 39.8789, 27.5645)

Have a look what the booklet for
XYZ(34.4713, 39.8789, 27.5645)
contains.

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Color

**XYZ(34.4052, 39.7246,
27.6841)**

Conversions

Conversions Part 1

Format	Color
Hex	A3AE84
RGB	163, 174, 132
RGB Percent	64%, 68%, 52%
CMY	0.3608, 0.3176, 0.4823
CMYK	0.06, 0.00, 0.24, 0.32
HSL	76°, 21%, 60%
HSV	76°, 24%, 68%
XYZ	34.4052, 39.7246, 27.6841
YIQ	165.9230, 6.9260, -15.3940

Conversions

Conversions Part 2

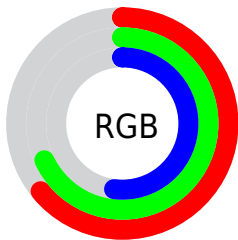
Format	Color
R_{YB}	132, 174, 143
Decimal	10727044
CIE _{Lab}	69.27, -11.22, 20.32
CIE _{LCh}	69, 23.209, 118.896
Yxy	39.7246, 0.3379, 0.3902
Android (android.graphics.Color)	4288917124 (0xFFA3AE84)
YUV	165.9230, -16.7240, -2.5635
Hunter-Lab	63.0275, -12.8591, 18.0768

Details

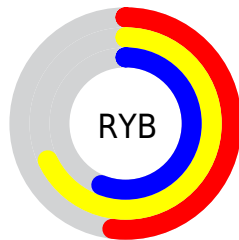
The XYZ color **34.4052, 39.7246, 27.6841** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.2205, 25.3993, 43.5145**, and the grayscale version is **36.2851, 38.1748, 41.5723**.

A 20% lighter version of the original color is **65.6897, 74.4468, 56.8064**, and **15.0381, 17.9078, 10.6466** is the 20% darker color. If you saturate the color by 10%, you get **32.3962, 38.8164, 21.8845**, and if you desaturate by 10%, it is **36.6486, 40.7331, 34.5331**.

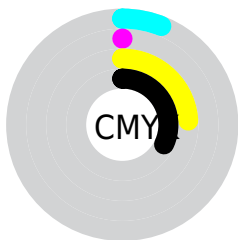
Distribution



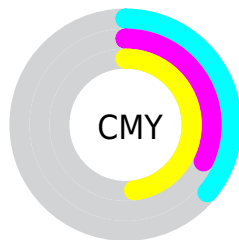
- Red (64%)
- Green (68%)
- Blue (52%)



- Red (52%)
- Yellow (68%)
- Blue (56%)



- Cyan (6%)
- Magenta (0%)
- Yellow (24%)
- Black (32%)



- Cyan (36%)
- Magenta (32%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.4052, 39.7246, 27.6841 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 34.4052, 39.7246, 27.6841 by changing the saturation by 10% instead.

■ 34.4052, 39.7246,
27.6841

■ 34.4052, 39.7246,
27.6841

313.4893,
344.9614, 304.8186

■ 23.3694, 27.3239,
17.8507

■ 65.9034, 74.7440,
56.9967

■ 14.9887, 17.8166,
10.6745

■ 87.0965, 98.1314,
77.3130

■ 8.8977, 10.8184,
5.7370

■ 112.4062,
125.9499, 101.9607

■ 4.7311, 5.9449,
2.6196

142.1977,
158.5838, 131.3583

■ 2.1235, 2.8116,
0.9026

176.8364,
196.4175, 165.9243

■ 0.7019, 1.0342,
0.0000

216.6876,

■ 0.0000, 0.0000,

239.8354, 206.0774

0.0000

262.1168,
289.2219, 252.2360

■ 34.4052, 39.7246,
27.6841

■ 34.4052, 39.7246,
27.6841

■ 32.3962, 38.8164,
21.8845

■ 36.6486, 40.7331,
34.5331

■ 30.6082, 37.9992,
17.0798

■ 39.1328, 41.8405,
42.4771

■ 29.0313, 37.2702,
13.2146

■ 41.8677, 43.0521,
51.5623

■ 27.6534, 36.6245,
10.2269

■ 44.8618, 44.3714,
61.8313

■ 26.4608, 36.0568,
8.0476

■ 48.1231, 45.8017,
73.3247

■ 25.4382, 35.5606,
6.5968

■ 51.6592, 47.3459,
86.0811

■ 24.5669, 35.1287,
5.7786

■ 55.4775, 49.0072,
100.1374

■ 24.1021, 34.8955,
5.4652

■ 56.8646, 49.7001,
101.2037

■ 58.0962, 50.3350,
101.2614

Harmonies

Analogous

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



37.8950, 39.7246, 25.8356



34.4052, 39.7246, 27.6841



31.9581, 39.7246, 33.5111

Triad

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



34.4052, 39.7246, 27.6841



34.1814, 39.7246, 63.2698



45.3691, 39.7246, 43.6491

Complementary

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



34.4052, 39.7246, 27.6841



27.2205, 25.3993, 43.5145

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.



44.2182, 39.7246, 54.7215



34.4052, 39.7246, 27.6841



37.6194, 39.7246, 67.1359

Square

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



34.4052, 39.7246, 27.6841



31.8349, 39.7246, 53.9260



41.3198, 39.7246, 63.7796



44.3715, 39.7246, 34.0908

Rectangle

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



34.4052, 39.7246, 27.6841



31.1644, 39.7246, 39.4272



41.3198, 39.7246, 63.7796



45.2194, 39.7246, 47.3194

Sweetspot

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



34.4062, 39.7263, 27.6850



69.5874, 75.2715, 72.5310



31.3694, 30.1610, 25.9987



15.4076, 16.7036, 15.9308



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



34.4062, 39.7263, 27.6850



60.3955, 71.1476, 44.3301



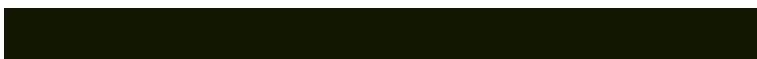
30.5436, 37.7351, 27.5042



8.4548, 9.2231, 8.5480



17.5383, 25.3384, 3.9664



0.5355, 0.7294, 0.1126

Inverse Universe

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



27.2205, 25.3993, 43.5145



45.0733, 40.5897, 78.0958



31.0995, 27.3990, 43.6960



7.7684, 7.8549, 10.0594



6.3938, 2.6560, 29.2202



0.2294, 0.1005, 0.8153

Previews

White Background



This preview shows how the XYZ color 34.4052, 39.7246, 27.6841 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 34.4052, 39.7246, 27.6841 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

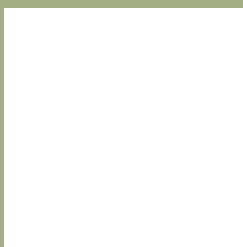
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.4052, 39.7246, 27.6841

Background



This preview shows how black text looks on a background with the XYZ color 34.4052, 39.7246, 27.6841.



This preview shows how white text looks on a background with the XYZ color 34.4052, 39.7246,

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

34.4052, 39.7246, 27.6841

Protanopia

37.0396, 39.6909, 26.8280

Deuteranopia

40.2494, 39.4322, 28.0441



Tritanopia

38.9207, 39.8875, 49.3638

Trichromacy



Original Color

34.4052, 39.7246, 27.6841

Protanomaly

36.1152, 39.7632, 27.2443

Deuteranomaly

37.8774, 39.2802, 27.7758

Tritanomaly

36.9219, 39.6093, 40.3497

Monochromacy



Original Color

34.4052, 39.7246, 27.6841

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

35.5378, 38.7084, 36.1703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4052, 39.7246, 27.6841 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(163, 174, 132)` looks like.

```
.text, #text, p{  
    color:rgb(163, 174, 132)  
}
```

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(163, 174, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 174, 132) }
```

Border

The CSS property to change the border of an element to XYZ 34.4052, 39.7246, 27.6841 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(163, 174, 132) }
```


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

```
.border{ border-color:rgb(163, 174, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 174, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 174, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 174, 132);  
box-shadow:4px 4px 4px 4px rgb(163, 174,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4052, 39.7246, 27.6841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 174, 132) }
```

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

```
.background{ background-color: rgb(163,  
174, 132) }
```

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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