

Converting Colors

XYZ(34.3663, 39.1431, 27.2168)

Have a look what the booklet for
XYZ(34.3663, 39.1431, 27.2168)
contains.

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Color

**XYZ(34.3663, 39.1431,
27.2168)**

Conversions

Conversions Part 1

Format	Color
Hex	A5AC83
RGB	165, 172, 131
RGB Percent	65%, 67%, 51%
CMY	0.3529, 0.3255, 0.4863
CMYK	0.04, 0.00, 0.24, 0.33
HSL	70°, 20%, 59%
HSV	70°, 24%, 67%
XYZ	34.3663, 39.1431, 27.2168
YIQ	165.2330, 8.9890, -14.2350

Conversions

Conversions Part 2

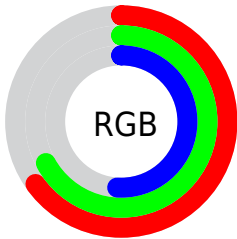
Format	Color
RYB	131, 172, 138
Decimal	10857603
CIELab	68.85, -9.55, 20.32
CIELCh	69, 22.447, 115.171
Yxy	39.1431, 0.3412, 0.3886
Android (android.graphics.Color)	4289047683 (0xFFA5AC83)
YUV	165.2330, -16.8769, -0.2043
Hunter-Lab	62.5644, -11.4387, 18.0028

Details

The XYZ color **34.3663, 39.1431, 27.2168** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.0455, 24.6155, 42.4105**, and the grayscale version is **35.9524, 37.8247, 41.1911**.

A 20% lighter version of the original color is **65.6360, 73.6145, 56.0970**, and **15.0117, 17.5377, 10.3785** is the 20% darker color. If you saturate the color by 10%, you get **32.6922, 38.4050, 21.5501**, and if you desaturate by 10%, it is **36.2500, 39.9693, 33.9051**.

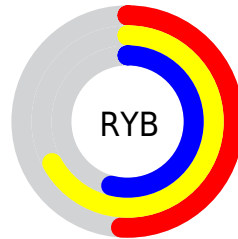
Distribution



Red (65%)

Green (67%)

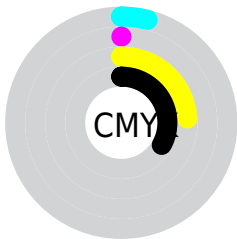
Blue (51%)



Red (51%)

Yellow (67%)

Blue (54%)

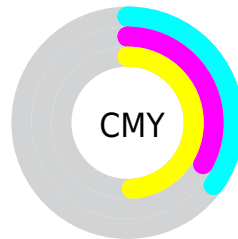


Cyan (4%)

Magenta (0%)

Yellow (24%)

Black (33%)



Cyan (35%)


Magenta (33%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3663, 39.1431, 27.2168 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 34.3663, 39.1431, 27.2168 by changing the saturation by 10% instead.


 34.3663, 39.1431,
27.2168


 34.3663, 39.1431,
27.2168


313.3195,
342.4985, 302.4986


 23.3394, 26.8711,
17.5022


 65.8434, 73.8569,
56.2395

 14.9664, 17.4764,
10.4275


 87.0243, 97.0674,
76.3848

 8.8819, 10.5747,
5.5740

 112.3205,
124.6929, 100.8440

 4.7208, 5.7817,
2.5233

142.0975,
157.1177, 130.0357

 2.1174, 2.7128,
0.8524

176.7205,
194.7263, 164.3785

 0.6987, 0.9837,
0.0000

216.5549,

 0.0000, 0.0000,

237.9031, 204.2909

0.0000

261.9662,
287.0323, 250.1914

■ 34.3663, 39.1431,
27.2168

■ 34.3663, 39.1431,
27.2168

■ 32.6922, 38.4050,
21.5501

■ 36.2500, 39.9693,
33.9051

■ 31.2151, 37.7460,
16.8524

■ 38.3493, 40.8821,
41.6595

■ 29.9255, 37.1636,
13.0698

■ 40.6737, 41.8865,
50.5245

■ 28.8120, 36.6531,
10.1424

■ 43.2310, 42.9858,
60.5417

■ 27.8617, 36.2096,
8.0032

■ 46.0288, 44.1830,
71.7504

■ 27.0599, 35.8270,
6.5751

■ 49.0744, 45.4809,
84.1880

■ 26.3889, 35.4983,
5.7656

■ 52.3746, 46.8823,
97.8903

■ 26.0158, 35.3127,
5.4449

■ 53.6672, 47.4825,
100.9442

■ 54.4011, 47.8607,
100.9785

Harmonies

Analogous

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



37.7839, 39.1431, 25.9085



34.3663, 39.1431, 27.2168



31.8600, 39.1431, 32.3692

Triad

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



34.3663, 39.1431, 27.2168



33.4277, 39.1431, 60.8368



44.4558, 39.1431, 44.2930

Complementary

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



34.3663, 39.1431, 27.2168



26.0455, 24.6155, 42.4105

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.



43.1152, 39.1431, 54.8347



34.3663, 39.1431, 27.2168



36.6307, 39.1431, 65.3090

Square

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



34.3663, 39.1431, 27.2168



31.3429, 39.1431, 51.5204



40.1945, 39.1431, 62.9544



43.7545, 39.1431, 34.8090

Rectangle

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



34.3663, 39.1431, 27.2168



30.9677, 39.1431, 37.7940



40.1945, 39.1431, 62.9544



44.2267, 39.1431, 47.8406

Sweetspot

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



34.3673, 39.1448, 27.2176



68.2713, 73.5997, 70.7297



30.1759, 28.5396, 25.3915



14.7894, 15.9742, 15.1948



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



34.3673, 39.1448, 27.2176



60.5724, 70.2296, 43.3117



30.4690, 37.1352, 27.0352



8.5264, 9.2600, 8.5513



19.3993, 26.2978, 4.0535



0.5745, 0.7496, 0.1144

Inverse Universe

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



26.0455, 24.6155, 42.4105



42.6357, 38.9066, 76.0683



29.7302, 26.5150, 42.5829



7.7017, 7.8205, 10.0563



5.9597, 2.4322, 29.1999



0.2032, 0.0870, 0.8141

Previews

White Background



This preview shows how the XYZ color 34.3663, 39.1431, 27.2168 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 34.3663, 39.1431, 27.2168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

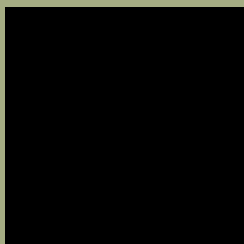
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

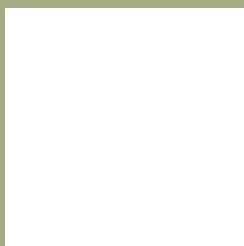
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.3663, 39.1431, 27.2168

Background



This preview shows how black text looks on a background with the XYZ color 34.3663, 39.1431, 27.2168.



This preview shows how white text looks on a background with the XYZ color 34.3663, 39.1431,

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

34.3663, 39.1431, 27.2168

Protanopia

36.5555, 39.1739, 26.4035

Deuteranopia

39.7435, 38.9190, 27.6077



Tritanopia

38.5675, 39.1850, 48.1786

Trichromacy



Original Color

34.3663, 39.1431, 27.2168

Protanomaly

35.6728, 38.9863, 26.7640

Deuteranomaly

37.6276, 38.8905, 27.3532

Tritanomaly

36.8864, 39.0489, 39.7755

Monochromacy



Original Color

34.3663, 39.1431, 27.2168

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.2695, 38.3045, 35.6716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3663, 39.1431, 27.2168 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(165, 172, 131)` looks like.

```
.text, #text, p{  
    color:rgb(165, 172, 131)  
}
```

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(165, 172, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 172, 131) }
```

Border

The CSS property to change the border of an element to XYZ 34.3663, 39.1431, 27.2168 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(165, 172, 131) }
```


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

```
.border{ border-color:rgb(165, 172, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 172, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 172, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 172, 131);  
box-shadow:4px 4px 4px 4px rgb(165, 172,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3663, 39.1431, 27.2168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 172, 131) }
```

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

```
.background{ background-color: rgb(165,  
172, 131) }
```

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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