

Converting Colors

XYZ(34.1767, 36.5420, 39.8782)

Have a look what the booklet for
XYZ(34.1767, 36.5420, 39.8782)
contains.

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Color

**XYZ(34.1844, 36.5662,
39.9066)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA4A3
RGB	159, 164, 163
RGB Percent	62%, 64%, 64%
CMY	0.3765, 0.3568, 0.3608
CMYK	0.03, 0.00, 0.01, 0.36
HSL	168°, 3%, 63%
HSV	168°, 3%, 64%
XYZ	34.1844, 36.5662, 39.9066
YIQ	162.3910, -2.6590, -1.3710

Conversions

Conversions Part 2

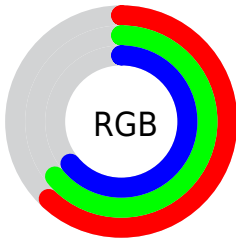
Format	Color
RYB	159, 162, 164
Decimal	10462371
CIELab	66.95, -1.97, -0.11
CIElCh	67, 1.971, 183.209
Yxy	36.5662, 0.3089, 0.3304
Android (android.graphics.Color)	4288652451 (0xFF9FA4A3)
YUV	162.3910, 0.3002, -2.9739
Hunter-Lab	60.4700, -4.9143, 3.2011

Details

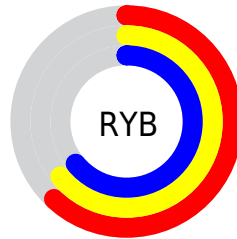
The XYZ color **34.1844, 36.5662, 39.9066** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0545, 35.2278, 38.2643**, and the grayscale version is **34.5264, 36.3245, 39.5574**.

A 20% lighter version of the original color is **65.7180, 70.0211, 76.3814**, and **14.8478, 15.9242, 17.3300** is the 20% darker color. If you saturate the color by 10%, you get **30.8550, 34.8845, 38.2338**, and if you desaturate by 10%, it is **37.9551, 38.4766, 41.6416**.

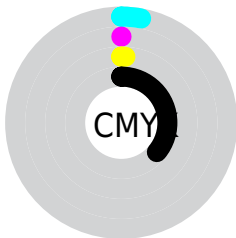
Distribution



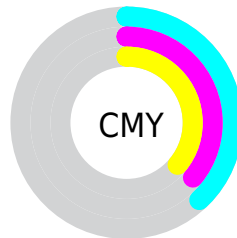
- Red (62%)
- Green (64%)
- Blue (64%)



- Red (62%)
- Yellow (64%)
- Blue (64%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (36%)



- Cyan (38%)
- Magenta (36%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.1844, 36.5662, 39.9066 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 34.1844, 36.5662, 39.9066 by changing the saturation by 10% instead.

■ 34.1844, 36.5662,
39.9066

■ 34.1844, 36.5662,
39.9066

312.5250,
331.4286, 361.2701

■ 23.1989, 24.8718,
27.1525

■ 65.5627, 69.9051,
76.2568

■ 14.8619, 15.9816,
17.4543

■ 86.6862, 92.3184,
100.6900

■ 8.8082, 9.5111,
10.3936

111.9197,
119.0734, 129.8533

■ 4.6724, 5.0760,
5.5517

141.6286,
150.5546, 164.1652

■ 2.0891, 2.2919,
2.5101

176.1782,
187.1463, 204.0443

■ 0.6833, 0.7694,
0.8455

215.9339,

■ 0.0000, 0.0000,

229.2329, 249.9091

0.0000

261.2610,
277.1989, 302.1782

■ 34.1844, 36.5662,
39.9066

■ 34.1844, 36.5662,
39.9066

■ 30.8550, 34.8845,
38.2338

■ 37.9551, 38.4766,
41.6416

■ 27.9469, 33.4180,
36.6195

■ 42.1799, 40.6192,
43.4373

■ 25.4430, 32.1590,
35.0636

■ 46.8751, 43.0034,
45.2957

■ 23.3240, 31.0976,
33.5648

■ 52.0552, 45.6367,
47.2175

■ 21.5690, 30.2230,
32.1218

■ 57.7339, 48.5261,
49.2039

■ 20.1550, 29.5233,
30.7332

■ 63.0348, 51.2198,
51.2140

■ 19.0563, 28.9854,
29.3974

■ 63.3804, 51.3580,
53.0339

■ 18.2436, 28.5940,
28.1129

■ 63.7341, 51.4995,
54.8961

■ 17.6819, 28.3312,
26.8776

■ 64.0958, 51.6442,
56.8010

Harmonies

Analogous

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



34.2446, 36.5662, 39.0771



34.1844, 36.5662, 39.9066



34.2764, 36.5662, 40.7227

Triad

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



34.1844, 36.5662, 39.9066



35.0708, 36.5662, 41.2075



35.0148, 36.5662, 38.3631

Complementary

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



34.1844, 36.5662, 39.9066



34.0545, 35.2278, 38.2643

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.



35.2382, 36.5662, 38.9197



34.1844, 36.5662, 39.9066



35.2706, 36.5662, 40.5609

Square

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



34.1844, 36.5662, 39.9066



34.7873, 36.5662, 41.4805



35.3321, 36.5662, 39.7223



34.7229, 36.5662, 38.1935

Rectangle

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



34.1844, 36.5662, 39.9066



34.4120, 36.5662, 41.1471



35.3321, 36.5662, 39.7223



35.1004, 36.5662, 38.5107

Sweetspot

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



34.1854, 36.5678, 39.9074



63.3736, 67.0434, 73.0654



34.0485, 36.5379, 38.0594



13.8632, 14.6613, 15.9776



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



34.1854, 36.5678, 39.9074



61.3934, 66.0415, 72.1185



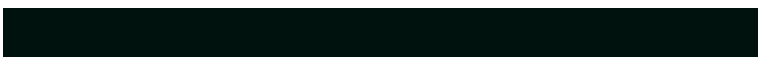
34.0234, 36.0993, 40.2985



7.5670, 8.1647, 8.9190



13.3439, 21.6239, 20.0594



0.2950, 0.4602, 0.4985

Inverse Universe

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



34.0545, 35.2278, 38.2643



61.0780, 62.8140, 68.1608



34.2123, 35.6832, 37.8858



7.5227, 7.7117, 8.3634



11.9623, 6.1410, 1.7260



0.2663, 0.1350, 0.1148

Previews

White Background



This preview shows how the XYZ color 34.1844, 36.5662, 39.9066 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 34.1844, 36.5662, 39.9066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

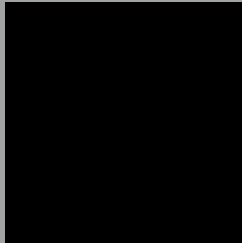
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

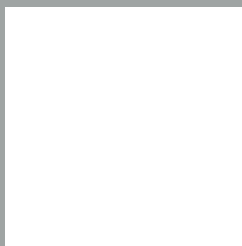
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.1844, 36.5662, 39.9066

Background



This preview shows how black text looks on a background with the XYZ color 34.1844, 36.5662, 39.9066.

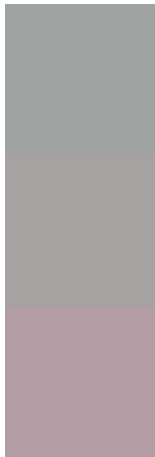


This preview shows how white text looks on a background with the XYZ color 34.1844, 36.5662,

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

34.1844, 36.5662, 39.9066

Protanopia

35.1678, 36.5563, 39.3849

Deuteranopia

37.2878, 36.5990, 40.2210



Tritanopia

35.3561, 36.5129, 45.7417

Trichromacy



Original Color

34.1844, 36.5662, 39.9066

Protanomaly

34.7230, 36.5896, 39.4148

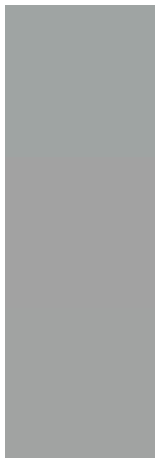
Deuteranomaly

36.0662, 36.4799, 40.2624

Tritanomaly

34.9451, 36.6082, 43.7524

Monochromacy



Original Color

34.1844, 36.5662, 39.9066

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.3167, 36.3801, 39.3958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1844, 36.5662, 39.9066 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(159, 164, 163) looks like.

```
.text, #text, p{  
    color:rgb(159, 164, 163)  
}
```

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(159, 164, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 164, 163) }
```

Border

The CSS property to change the border of an element to XYZ 34.1844, 36.5662, 39.9066 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(159, 164, 163) }
```


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

```
.border{ border-color:rgb(159, 164, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 164, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 164, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 164, 163);  
box-shadow:4px 4px 4px 4px rgb(159, 164,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1844, 36.5662, 39.9066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 164, 163) }
```

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

```
.background{ background-color: rgb(159,  
164, 163) }
```

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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