

Converting Colors

XYZ(34.5686, 36.3886, 45.2704)

Have a look what the booklet for
XYZ(34.5686, 36.3886, 45.2704)
contains.

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Color

**XYZ(34.6418, 36.4185,
45.2480)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA3AE
RGB	157, 163, 174
RGB Percent	62%, 64%, 68%
CMY	0.3843, 0.3608, 0.3176
CMYK	0.10, 0.06, 0.00, 0.32
HSL	219°, 9%, 65%
HSV	219°, 10%, 68%
XYZ	34.6418, 36.4185, 45.2480
YIQ	162.4600, -7.1070, 2.1490

Conversions

Conversions Part 2

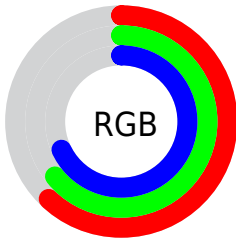
Format	Color
RYB	157, 161, 174
Decimal	10331054
CIELab	66.84, 0.09, -6.42
CIELCh	67, 6.424, 270.831
Yxy	36.4185, 0.2978, 0.3131
Android (android.graphics.Color)	4288521134 (0xFF9DA3AE)
YUV	162.4600, 5.6892, -4.7884
Hunter-Lab	60.3477, -3.1431, -2.2115

Details

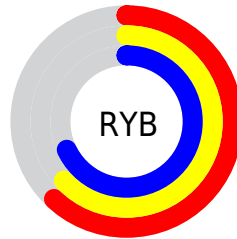
The XYZ color **34.6418, 36.4185, 45.2480** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.5441, 39.4379, 37.5324**, and the grayscale version is **34.5358, 36.3344, 39.5681**.

A 20% lighter version of the original color is **66.3656, 69.7970, 84.1031**, and **15.1411, 15.8382, 20.6714** is the 20% darker color. If you saturate the color by 10%, you get **29.5755, 30.9715, 44.4642**, and if you desaturate by 10%, it is **40.3716, 42.4736, 46.1153**.

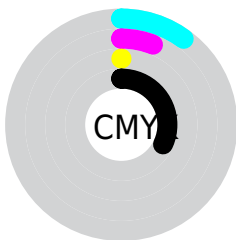
Distribution



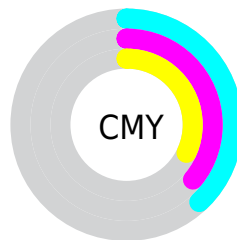
- Red (62%)
- Green (64%)
- Blue (68%)



- Red (62%)
- Yellow (63%)
- Blue (68%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (32%)



- Cyan (38%)
- Magenta (36%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6418, 36.4185, 45.2480 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 34.6418, 36.4185, 45.2480 by changing the saturation by 10% instead.

■ 34.6418, 36.4185,
45.2480

■ 34.6418, 36.4185,
45.2480

314.5202,
330.7860, 383.9664

■ 23.5523, 24.7576,
31.3084

■ 66.2682, 69.6775,
84.4148

■ 15.1248, 15.8965,
20.5734

■ 87.5358, 92.0444,
110.4792

■ 8.9939, 9.4510,
12.6243

112.9267,
118.7488, 141.4222

■ 4.7943, 5.0365,
7.0427

142.8065,
150.1750, 177.6624

■ 2.1606, 2.2687,
3.4100

177.5404,
186.7074, 219.6185

■ 0.7218, 0.7571,
1.3076

217.4937,

■ 0.0000, 0.0000,

228.7304, 267.7088

0.0680

263.0319,
276.6285, 322.3519

■ 0.0000, 0.0000,
0.0000

■ 34.6418, 36.4185,
45.2480

■ 34.6418, 36.4185,
45.2480

■ 29.5755, 30.9715,
44.4642

■ 40.3716, 42.4736,
46.1153

■ 25.1447, 26.1084,
43.7591

■ 46.7853, 49.1510,
47.0662

■ 21.3237, 21.8098,
43.1307

■ 53.9064, 56.4701,
48.1036

■ 18.0840, 18.0535,
42.5765

■ 61.7561, 64.4481,
49.2297

■ 15.3947, 14.8158,
42.0933

■ 70.3550, 73.1014,
50.4468

■ 13.2217, 12.0708,
41.6780

■ 77.3278, 81.2115,
51.6447

■ 11.5267, 9.7902,
41.3271

■ 80.5720, 87.6999,
52.7261

■ 10.2653, 7.9417,
41.0368

■ 84.0224, 94.6007,
53.8762

■ 9.3513, 6.4711,
40.8011

■ 84.6401, 95.8360,
54.0821

Harmonies

Analogous

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



33.7121, 36.4185, 44.5117



34.6418, 36.4185, 45.2480



35.5811, 36.4185, 44.4279

Triad

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



34.6418, 36.4185, 45.2480



36.2439, 36.4185, 36.9740



33.0088, 36.4185, 37.1024

Complementary

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



34.6418, 36.4185, 45.2480



37.5441, 39.4379, 37.5324

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.



33.6660, 36.4185, 35.2341



34.6418, 36.4185, 45.2480



35.5333, 36.4185, 35.1624

Square

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



34.6418, 36.4185, 45.2480



36.5166, 36.4185, 39.5760



34.5876, 36.4185, 34.5404



32.7800, 36.4185, 39.7312

Rectangle

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



34.6418, 36.4185, 45.2480



36.0835, 36.4185, 43.1301



34.5876, 36.4185, 34.5404



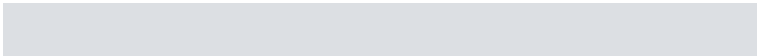
33.1863, 36.4185, 36.3691

Sweetspot

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



34.6429, 36.4200, 45.2488



69.6827, 73.3138, 83.1152



36.0874, 40.2592, 42.8013



15.3005, 16.0973, 18.4450



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.



34.6429, 36.4200, 45.2488



60.4839, 63.5477, 81.7149



34.0486, 34.5688, 44.9228



7.8016, 8.2026, 10.1248



6.8200, 4.7739, 29.6065



0.2421, 0.2376, 0.8411

Inverse Universe

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



36.1242, 35.7577, 39.6501



63.8011, 62.1198, 69.1650



38.1772, 41.4475, 37.8869



8.1177, 8.0603, 8.9305



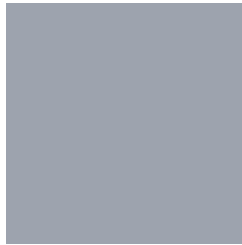
13.3061, 6.7850, 3.9913



0.3966, 0.1993, 0.2503

Previews

White Background



This preview shows how the XYZ color 34.6418, 36.4185, 45.2480 looks on a white background.

Color Contrast Check

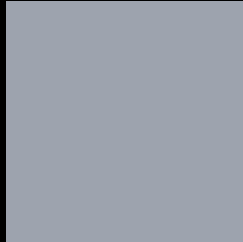
Large Text (above 18pt) WCAG AA × Fail

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 34.6418, 36.4185, 45.2480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

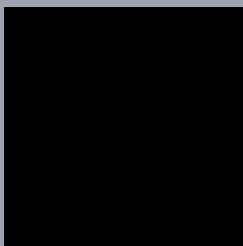
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

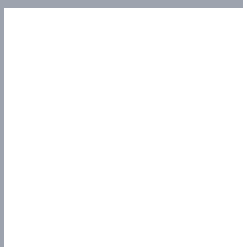
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 34.6418, 36.4185, 45.2480

Background



This preview shows how black text looks on a background with the XYZ color 34.6418, 36.4185, 45.2480.

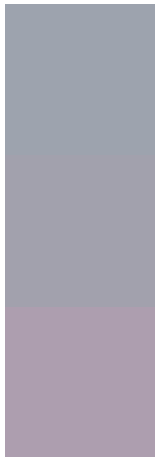


This preview shows how white text looks on a background with the XYZ color 34.6418, 36.4185,

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

34.6418, 36.4185, 45.2480

Protanopia

35.1880, 36.1883, 44.6656

Deuteranopia

37.1983, 36.4331, 45.6292



Tritanopia

34.8383, 36.4971, 46.2828

Trichromacy



Original Color

34.6418, 36.4185, 45.2480

Protanomaly

34.9604, 36.3314, 44.7052

Deuteranomaly

36.2450, 36.4522, 45.6831

Tritanomaly

34.7397, 36.4576, 45.7635

Monochromacy



Original Color

34.6418, 36.4185, 45.2480

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

34.3005, 36.0674, 41.2303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6418, 36.4185, 45.2480 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(157, 163, 174)` looks like.

```
.text, #text, p{  
    color:rgb(157, 163, 174)  
}
```

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(157, 163, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 163, 174) }
```

Border

The CSS property to change the border of an element to XYZ 34.6418, 36.4185, 45.2480 is called "border". The border property can be set on classes, ids or directly on the HTML element.

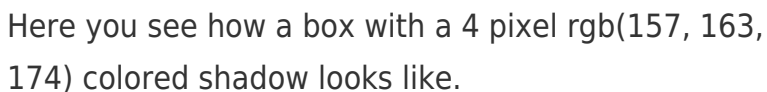
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 163, 174) }
```


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

```
.border{ border-color:rgb(157, 163, 174) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 163, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 163, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 163, 174); box-shadow:4px 4px 4px 4px rgb(157, 163, 174) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6418, 36.4185, 45.2480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 163, 174) }
```

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

```
.background{ background-color: rgb(157,  
163, 174) }
```

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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