

Converting Colors

XYZ(32.9537, 34.8610, 45.0817)

Have a look what the booklet for
XYZ(32.9537, 34.8610, 45.0817)
contains.

XYZ(32.9733, 34.7769, 45.0191)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(32.9733, 34.7769,
45.0191)**

Conversions

Conversions Part 1

Format	Color
Hex	97A0AE
RGB	151, 160, 174
RGB Percent	59%, 63%, 68%
CMY	0.4078, 0.3725, 0.3176
CMYK	0.13, 0.08, 0.00, 0.32
HSL	217°, 12%, 64%
HSV	217°, 13%, 68%
XYZ	32.9733, 34.7769, 45.0191
YIQ	158.9050, -9.8580, 2.4460

Conversions

Conversions Part 2

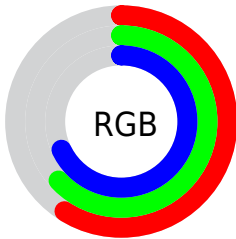
Format	Color
RYB	151, 157, 174
Decimal	9937070
CIELab	65.57, -0.29, -8.35
CIELCh	66, 8.355, 268.026
Yxy	34.7769, 0.2924, 0.3084
Android (android.graphics.Color)	4288127150 (0xFF97A0AE)
YUV	158.9050, 7.4418, -6.9327
Hunter-Lab	58.9719, -3.3952, -3.9815

Details

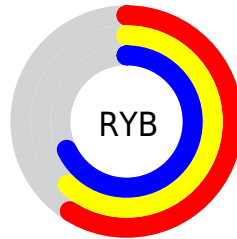
The XYZ color **32.9733, 34.7769, 45.0191** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.4968, 38.1432, 34.7177**, and the grayscale version is **32.8824, 34.5948, 37.6738**.

A 20% lighter version of the original color is **63.6201, 67.2372, 83.7537**, and **14.2370, 15.0517, 20.5673** is the 20% darker color. If you saturate the color by 10%, you get **28.2212, 29.7177, 44.2936**, and if you desaturate by 10%, it is **38.3604, 40.3975, 45.8206**.

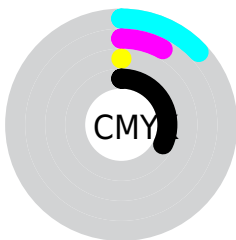
Distribution



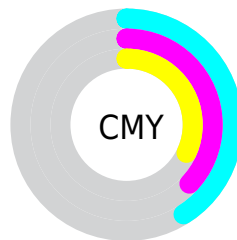
- Red (59%)
- Green (63%)
- Blue (68%)



- Red (59%)
- Yellow (62%)
- Blue (68%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (32%)



- Cyan (41%)
- Magenta (37%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.9733, 34.7769, 45.0191 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 32.9733, 34.7769, 45.0191 by changing the saturation by 10% instead.

■ 32.9733, 34.7769,
45.0191

■ 32.9733, 34.7769,
45.0191

307.1965,
323.5825, 383.0133

■ 22.2651, 23.4911,
31.1294

■ 63.6888, 67.1400,
84.0678

■ 14.1695, 14.9565,
20.4381

■ 84.4268, 88.9861,
110.0639

■ 8.3212, 8.7889,
12.5267

109.2389,
115.1210, 140.9326

■ 4.3547, 4.6037,
6.9766

138.4903,
145.9292, 177.0924

■ 1.9047, 2.0167,
3.3692

172.5464,
181.7950, 218.9618

■ 0.5795, 0.6171,
1.2861

211.7726,

■ 0.0000, 0.0000,

223.1029, 266.9594

0.0504

256.5341,
270.2373, 321.5037

■ 0.0000, 0.0000,
0.0000

■ 32.9733, 34.7769,
45.0191

■ 32.9733, 34.7769,
45.0191

■ 28.2212, 29.7177,
44.2936

■ 38.3604, 40.3975,
45.8206

■ 24.0765, 25.1971,
43.6395

■ 44.4029, 46.5926,
46.6979

■ 20.5137, 21.1970,
43.0552

■ 51.1236, 53.3806,
47.6539

■ 17.5045, 17.6964,
42.5381

■ 58.5437, 60.7773,
48.6905

■ 15.0179, 14.6728,
42.0855

■ 66.6831, 68.7983,
49.8097

■ 13.0195, 12.1017,
41.6946

■ 75.4129, 77.3817,
51.0064

■ 11.4703, 9.9558,
41.3620

■ 78.3406, 83.2370,
51.9823

■ 10.3244, 8.2037,
41.0842

■ 81.4485, 89.4528,
53.0182

■ 9.7134, 7.2027,
40.9232

■ 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.



31.8222, 34.7769, 43.8842



32.9733, 34.7769, 45.0191



34.1740, 34.7769, 44.1412

Triad

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



32.9733, 34.7769, 45.0191



35.1784, 34.7769, 34.7828



31.0955, 34.7769, 34.4038

Complementary

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



32.9733, 34.7769, 45.0191



36.4968, 38.1432, 34.7177

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.



31.9595, 34.7769, 32.2159



32.9733, 34.7769, 45.0191



34.3180, 34.7769, 32.4250

Square

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



32.9733, 34.7769, 45.0191



35.4658, 34.7769, 38.0991



33.1356, 34.7769, 31.5140



30.7549, 34.7769, 37.6342

Rectangle

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



32.9733, 34.7769, 45.0191



34.8374, 34.7769, 42.5612



33.1356, 34.7769, 31.5140



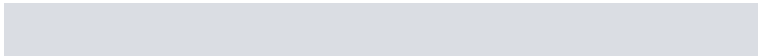
31.3333, 34.7769, 33.5297

Sweetspot

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



32.9743, 34.7783, 45.0199



68.7022, 72.3666, 82.9840



34.6725, 39.5614, 41.3112



15.1010, 15.9094, 18.4192



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.



32.9743, 34.7783, 45.0199



57.0487, 60.1638, 81.2429



31.9009, 31.9915, 44.5385



7.8264, 8.2522, 10.1330



7.0994, 5.3327, 29.6996



0.2517, 0.2567, 0.8443

Inverse Universe

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



34.8682, 33.6708, 37.9207



61.2161, 57.8272, 65.5982



37.6700, 41.2438, 35.2543



8.1302, 8.0653, 8.9963



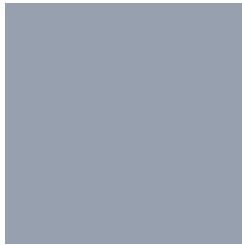
13.4471, 6.8414, 4.7338



0.4014, 0.2013, 0.2756

Previews

White Background



This preview shows how the XYZ color 32.9733, 34.7769, 45.0191 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 32.9733, 34.7769, 45.0191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

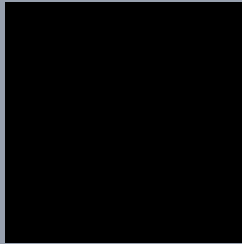
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 32.9733, 34.7769, 45.0191

Background



This preview shows how black text looks on a background with the XYZ color 32.9733, 34.7769, 45.0191.

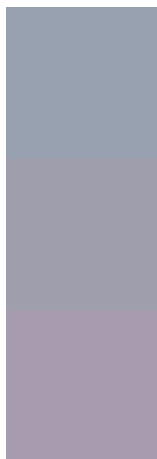


This preview shows how white text looks on a background with the XYZ color 32.9733, 34.7769,

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

32.9733, 34.7769, 45.0191

Protanopia

33.8702, 34.7400, 44.4555

Deuteranopia

35.3956, 34.7533, 45.4000



Tritanopia

32.8761, 34.7381, 44.5075

Trichromacy



Original Color

32.9733, 34.7769, 45.0191

Protanomaly

33.4585, 34.7820, 44.4853

Deuteranomaly

34.4928, 34.7862, 45.4539

Tritanomaly

32.8761, 34.7381, 44.5075

Monochromacy



Original Color

32.9733, 34.7769, 45.0191

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.8093, 34.5445, 40.0605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9733, 34.7769, 45.0191 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(151, 160, 174)` looks like.

```
.text, #text, p{  
    color:rgb(151, 160, 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(151, 160, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 160, 174) }
```

Border

The CSS property to change the border of an element to XYZ 32.9733, 34.7769, 45.0191 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(151, 160, 174) }
```


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

```
.border{ border-color:rgb(151, 160, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 160, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 160, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 160, 174);  
box-shadow:4px 4px 4px 4px rgb(151, 160,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9733, 34.7769, 45.0191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 160, 174) }
```

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

```
.background{ background-color: rgb(151,  
160, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor