

Converting Colors

XYZ(32.6292, 34.9586, 39.3174)

Have a look what the booklet for
XYZ(32.6292, 34.9586, 39.3174)
contains.

XYZ(32.5929, 34.9684, 39.2142)	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(32.5929, 34.9684,
39.2142)**

Conversions

Conversions Part 1

Format	Color
Hex	9AA1A2
RGB	154, 161, 162
RGB Percent	60%, 63%, 64%
CMY	0.3961, 0.3686, 0.3647
CMYK	0.05, 0.01, 0.00, 0.36
HSL	187°, 4%, 62%
HSV	187°, 5%, 64%
XYZ	32.5929, 34.9684, 39.2142
YIQ	159.0210, -4.4930, -1.1730

Conversions

Conversions Part 2

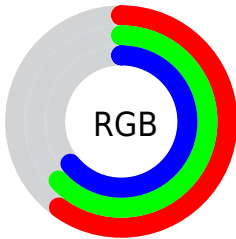
Format	Color
RYB	154, 158, 162
Decimal	10133922
CIELab	65.72, -2.29, -1.39
CIELCh	66, 2.678, 211.312
Yxy	34.9684, 0.3052, 0.3275
Android (android.graphics.Color)	4288324002 (0xFF9AA1A2)
YUV	159.0210, 1.4686, -4.4034
Hunter-Lab	59.1341, -5.1009, 2.0763

Details

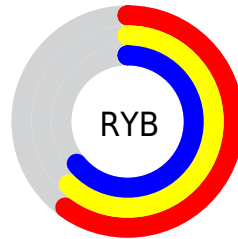
The XYZ color **32.5929, 34.9684, 39.2142** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.4545, 33.4569, 35.3197**, and the grayscale version is **32.9600, 34.6765, 37.7627**.

A 20% lighter version of the original color is **63.0927, 67.5314, 75.3552**, and **13.9839, 15.1612, 16.9412** is the 20% darker color. If you saturate the color by 10%, you get **29.3654, 32.7857, 38.9635**, and if you desaturate by 10%, it is **36.2442, 37.3800, 39.4878**.

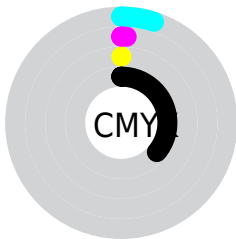
Distribution



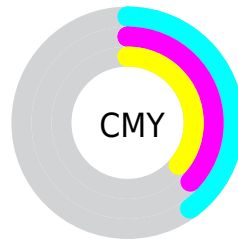
- Red (60%)
- Green (63%)
- Blue (64%)



- Red (60%)
- Yellow (62%)
- Blue (64%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (36%)



- Cyan (40%)
- Magenta (37%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5929, 34.9684, 39.2142 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 32.5929, 34.9684, 39.2142 by changing the saturation by 10% instead.

■ 32.5929, 34.9684,
39.2142

■ 32.5929, 34.9684,
39.2142

305.5088,
324.4288, 358.2534

■ 21.9725, 23.6385,
26.6173

■ 63.0984, 67.4368,
75.1894

■ 13.9532, 15.0657,
17.0561

■ 83.7141, 89.3441,
99.4047

■ 8.1696, 8.8655,
10.1121

108.3924,
115.5461, 128.3300

■ 4.2564, 4.6536,
5.3668

137.4986,
146.4270, 162.3836

■ 1.8482, 2.0455,
2.4016

171.3979,
182.3714, 201.9843

■ 0.5464, 0.6337,
0.7873

210.4558,

■ 0.0000, 0.0000,

223.7636, 247.5504

0.0000

255.0377,
270.9879, 299.5006

■ 32.5929, 34.9684,
39.2142

■ 32.5929, 34.9684,
39.2142

■ 29.3654, 32.7857,
38.9635

■ 36.2442, 37.3800,
39.4878

■ 26.5422, 30.8189,
38.7327

■ 40.3321, 40.0241,
39.7827

■ 24.1066, 29.0604,
38.5216

■ 44.8723, 42.9100,
40.1004

■ 22.0396, 27.5001,
38.3294

■ 49.8790, 46.0450,
40.4417

■ 20.3206, 26.1276,
38.1551

■ 55.3657, 49.4360,
40.8070

■ 18.9269, 24.9310,
37.9976

■ 61.3454, 53.0898,
41.1971

■ 17.8330, 23.8972,
37.8557

■ 63.1195, 54.5843,
41.3921

■ 17.0096, 23.0111,
37.7281

■ 63.5160, 55.3774,
41.5242

■ 16.4205, 22.2539,
37.6130

■ 63.9185, 56.1822,
41.6584

Harmonies

Analogous

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



32.4842, 34.9684, 38.1244



32.5929, 34.9684, 39.2142



32.8738, 34.9684, 40.0113

Triad

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



32.5929, 34.9684, 39.2142



33.9059, 34.9684, 39.1265



33.2191, 34.9684, 35.9450

Complementary

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



32.5929, 34.9684, 39.2142



32.4545, 33.4569, 35.3197

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.



33.6017, 34.9684, 36.2015



32.5929, 34.9684, 39.2142



34.0001, 34.9684, 38.0250

Square

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



32.5929, 34.9684, 39.2142



33.6320, 34.9684, 39.9599



33.8883, 34.9684, 36.9574



32.8440, 34.9684, 36.2496

Rectangle

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



32.5929, 34.9684, 39.2142



33.1220, 34.9684, 40.2615



33.8883, 34.9684, 36.9574



33.3511, 34.9684, 35.9684

Sweetspot

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



32.5939, 34.9699, 39.2150



61.6756, 65.1497, 71.3806



32.1581, 35.0756, 36.0569



13.8606, 14.6380, 16.0324



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.



32.5939, 34.9699, 39.2150



58.4428, 62.9973, 71.1356



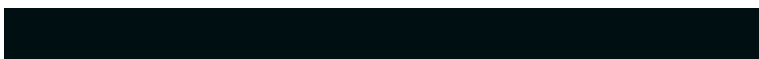
31.9168, 33.6158, 38.9893



7.4135, 8.0032, 9.0571



12.7566, 17.2926, 29.5953



0.2877, 0.4027, 0.6284

Inverse Universe

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



32.8897, 33.3665, 38.4269



59.1039, 59.4259, 69.3715



33.1203, 34.7884, 35.5416



7.5027, 7.5218, 8.8190



15.5844, 7.5898, 20.8000



0.3374, 0.1635, 0.4894

Previews

White Background



This preview shows how the XYZ color 32.5929, 34.9684, 39.2142 looks on a white background.

Color Contrast Check

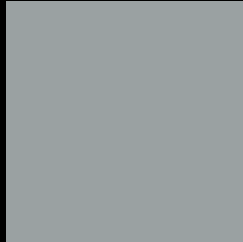
Large Text (above 18pt) WCAG AA × Fail

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 32.5929, 34.9684, 39.2142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

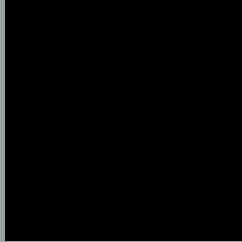
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

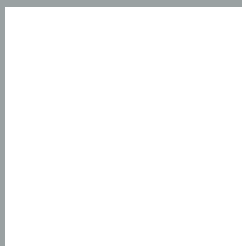
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.5929, 34.9684, 39.2142

Background



This preview shows how black text looks on a background with the XYZ color 32.5929, 34.9684, 39.2142.



This preview shows how white text looks on a background with the XYZ color 32.5929, 34.9684,

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

32.5929, 34.9684, 39.2142

Protanopia

33.7315, 35.0509, 38.7059

Deuteranopia

35.5658, 34.9713, 39.5259



Tritanopia

33.5548, 34.8428, 43.9865

Trichromacy



Original Color

32.5929, 34.9684, 39.2142

Protanomaly

33.3019, 35.0857, 38.7352

Deuteranomaly

34.3937, 34.8653, 39.5673

Tritanomaly

33.1563, 34.9373, 42.0418

Monochromacy



Original Color

32.5929, 34.9684, 39.2142

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.8206, 34.8478, 38.2542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5929, 34.9684, 39.2142 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(154, 161, 162) looks like.

```
.text, #text, p{  
    color:rgb(154, 161, 162)  
}
```

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(154, 161, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 161, 162) }
```

Border

The CSS property to change the border of an element to XYZ 32.5929, 34.9684, 39.2142 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(154, 161, 162) }
```


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

```
.border{ border-color:rgb(154, 161, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 161, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 161, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 161, 162);  
box-shadow:4px 4px 4px 4px rgb(154, 161,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5929, 34.9684, 39.2142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 161, 162) }
```

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

```
.background{ background-color: rgb(154,  
161, 162) }
```

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