

Converting Colors

XYZ(32.8105, 34.8356, 39.6297)

Have a look what the booklet for
XYZ(32.8105, 34.8356, 39.6297)
contains.

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Color

**XYZ(32.8920, 34.8539,
39.6442)**

Conversions

Conversions Part 1

Format	Color
Hex	9CA0A3
RGB	156, 160, 163
RGB Percent	61%, 63%, 64%
CMY	0.3882, 0.3725, 0.3608
CMYK	0.04, 0.02, 0.00, 0.36
HSL	206°, 4%, 63%
HSV	206°, 4%, 64%
XYZ	32.8920, 34.8539, 39.6442
YIQ	159.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

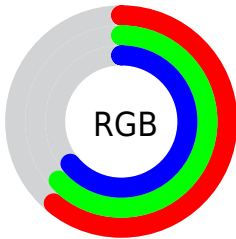
Format	Color
R_{YB}	156, 159, 163
Decimal	10264739
CIE _{Lab}	65.63, -0.84, -2.06
CIE _{LCh}	66, 2.227, 247.949
Yxy	34.8539, 0.3063, 0.3246
Android (android.graphics.Color)	4288454819 (0xFF9CA0A3)
YUV	159.1460, 1.9000, -2.7590
Hunter-Lab	59.0372, -3.8655, 1.5121

Details

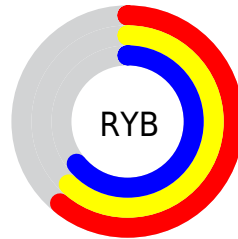
The XYZ color **32.8920, 34.8539, 39.6442** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.5033, 34.9828, 36.4396**, and the grayscale version is **33.0150, 34.7343, 37.8257**.

A 20% lighter version of the original color is **63.5337, 67.3645, 75.9837**, and **14.1636, 15.0882, 17.2047** is the 20% darker color. If you saturate the color by 10%, you get **28.7711, 30.9843, 39.1150**, and if you desaturate by 10%, it is **37.5062, 39.0806, 40.2174**.

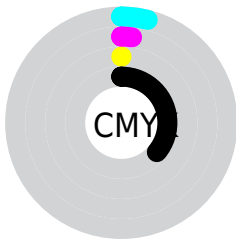
Distribution



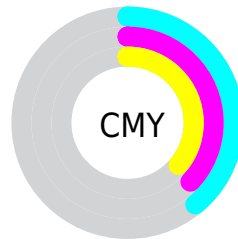
- Red (61%)
- Green (63%)
- Blue (64%)



- Red (61%)
- Yellow (62%)
- Blue (64%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (36%)



- Cyan (39%)
- Magenta (37%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.8920, 34.8539, 39.6442 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 32.8920, 34.8539, 39.6442 by changing the saturation by 10% instead.

■ 32.8920, 34.8539,
39.6442

■ 32.8920, 34.8539,
39.6442

306.8364,
323.9230, 360.1290

■ 22.2026, 23.5504,
26.9496

■ 63.5627, 67.2594,
75.8526

■ 14.1233, 15.0004,
17.3032

■ 84.2746, 89.1301,
100.2034

■ 8.2887, 8.8197,
10.2867

109.0582,
115.2920, 129.2766

■ 4.3336, 4.6237,
5.4814

138.2786,
146.1295, 163.4909

■ 1.8925, 2.0282,
2.4687

172.3012,
182.0269, 203.2648

■ 0.5725, 0.6238,
0.8235

211.4915,

■ 0.0000, 0.0000,

223.3687, 249.0167

0.0000

256.2148,
270.5393, 301.1653

■ 32.8920, 34.8539,
39.6442

■ 32.8920, 34.8539,
39.6442

■ 28.7711, 30.9843,
39.1150

■ 37.5062, 39.0806,
40.2174

■ 25.1226, 27.4565,
38.6264

■ 42.6275, 43.6702,
40.8333

■ 21.9285, 24.2605,
38.1778

■ 48.2729, 48.6341,
41.4939

■ 19.1686, 21.3841,
37.7681

■ 54.4579, 53.9816,
42.2001

■ 16.8207, 18.8141,
37.3958

■ 61.1970, 59.7218,
42.9529

■ 14.8608, 16.5365,
37.0595

■ 68.5044, 65.8635,
43.7532

■ 13.2621, 14.5353,
36.7575

■ 70.6175, 69.4374,
44.3317

■ 11.9939, 12.7929,
36.4880

■ 72.3662, 72.9348,
44.9146

■ 11.0194, 11.2884,
36.2489

■ 74.1908, 76.5841,
45.5228

Harmonies

Analogous

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



32.6341, 34.8539, 39.0686



32.8920, 34.8539, 39.6442



33.2146, 34.8539, 39.7622

Triad

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



32.8920, 34.8539, 39.6442



33.7545, 34.8539, 37.7014



32.7423, 34.8539, 36.5471

Complementary

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



32.8920, 34.8539, 39.6442



33.5033, 34.9828, 36.4396

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.



33.0407, 34.8539, 36.1937



32.8920, 34.8539, 39.6442



33.6261, 34.8539, 36.8529

Square

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



32.8920, 34.8539, 39.6442



33.7140, 34.8539, 38.6303



33.3643, 34.8539, 36.3047



32.5480, 34.8539, 37.2777

Rectangle

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



32.8920, 34.8539, 39.6442



33.4233, 34.8539, 39.5636



33.3643, 34.8539, 36.3047



32.8337, 34.8539, 36.3808

Sweetspot

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



32.8930, 34.8554, 39.6450



61.5159, 64.8304, 71.3274



33.0588, 35.7632, 37.9242



13.8268, 14.5704, 16.0211



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.



32.8930, 34.8554, 39.6450



58.2867, 61.8458, 70.9215



32.3083, 33.6861, 39.4501



7.3770, 7.8335, 9.0263



8.2397, 8.2587, 28.0896



0.2187, 0.2648, 0.6054

Inverse Universe

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



33.3387, 34.1022, 38.0847



59.2300, 60.2607, 67.6172



34.0994, 36.1751, 36.6384



7.5079, 7.6143, 8.5676



13.3045, 6.6778, 8.7939



0.3026, 0.1495, 0.3060

Previews

White Background



This preview shows how the XYZ color 32.8920, 34.8539, 39.6442 looks on a white background.

Color Contrast Check

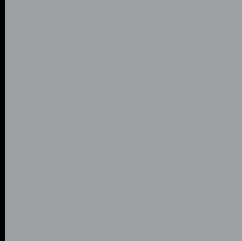
Large Text (above 18pt) WCAG AA × Fail

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 32.8920, 34.8539, 39.6442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

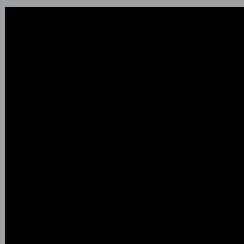
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

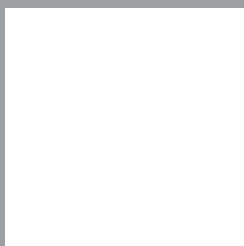
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.8920, 34.8539, 39.6442

Background



This preview shows how black text looks on a background with the XYZ color 32.8920, 34.8539, 39.6442.



This preview shows how white text looks on a background with the XYZ color 32.8920, 34.8539,

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

32.8920, 34.8539, 39.6442

Protanopia

33.4464, 34.6394, 39.1057

Deuteranopia

35.2697, 34.5622, 39.9342



Tritanopia

33.6535, 34.9046, 43.4916

Trichromacy



Original Color

32.8920, 34.8539, 39.6442

Protanomaly

33.2178, 34.7758, 39.1441

Deuteranomaly

34.3152, 34.5643, 39.9849

Tritanomaly

33.3706, 34.7915, 42.0024

Monochromacy



Original Color

32.8920, 34.8539, 39.6442

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.8439, 34.6034, 38.2058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8920, 34.8539, 39.6442 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(156, 160, 163)` looks like.

```
.text, #text, p{  
    color:rgb(156, 160, 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(156, 160, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 160, 163) }
```

Border

The CSS property to change the border of an element to XYZ 32.8920, 34.8539, 39.6442 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(156, 160, 163) }
```


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

```
.border{ border-color:rgb(156, 160, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 160, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 160, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 160, 163);  
box-shadow:4px 4px 4px 4px rgb(156, 160,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8920, 34.8539, 39.6442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 160, 163) }
```

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

```
.background{ background-color: rgb(156,  
160, 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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