

Converting Colors

XYZ(32.7094, 35.8860, 36.2131)

Have a look what the booklet for
XYZ(32.7094, 35.8860, 36.2131)
contains.

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Color

**XYZ(32.7094, 35.8860,
36.2131)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA49B
RGB	155, 164, 155
RGB Percent	61%, 64%, 61%
CMY	0.3922, 0.3568, 0.3922
CMYK	0.05, 0.00, 0.05, 0.36
HSL	120°, 5%, 63%
HSV	120°, 5%, 64%
XYZ	32.7094, 35.8860, 36.2131
YIQ	160.2830, -2.4750, -4.7070

Conversions

Conversions Part 2

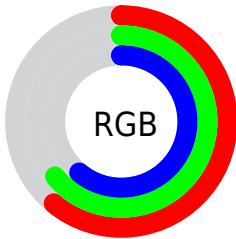
Format	Color
R _Y B	155, 164, 164
Decimal	10200219
CIE Lab	66.43, -4.93, 3.56
CIE LCh	66, 6.076, 144.172
Yxy	35.8860, 0.3121, 0.3424
Android (android.graphics.Color)	4288390299 (0xFF9BA49B)
YUV	160.2830, -2.6045, -4.6332
Hunter-Lab	59.9049, -7.3687, 6.0921

Details

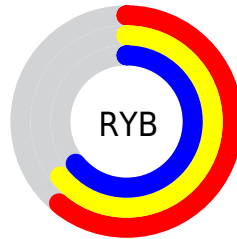
The XYZ color **32.7094, 35.8860, 36.2131** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.7333, 34.0164, 39.9115**, and the grayscale version is **33.5574, 35.3050, 38.4472**.

A 20% lighter version of the original color is **63.1346, 68.8218, 70.2780**, and **14.0018, 15.5309, 15.3565** is the 20% darker color. If you saturate the color by 10%, you get **28.4882, 33.8594, 29.3077**, and if you desaturate by 10%, it is **37.5473, 38.2109, 44.1253**.

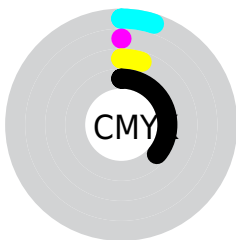
Distribution



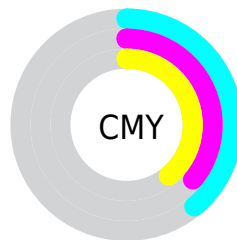
- Red (61%)
- Green (64%)
- Blue (61%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7094, 35.8860, 36.2131 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 32.7094, 35.8860, 36.2131 by changing the saturation by 10% instead.

■ 32.7094, 35.8860,
36.2131

■ 32.7094, 35.8860,
36.2131

306.0264,
328.4620, 344.9565

■ 22.0621, 24.3462,
24.3078

■ 63.2793, 68.8561,
70.5336

■ 14.0194, 15.5906,
15.3478

■ 83.9326, 91.0551,
93.7859

■ 8.2159, 9.2349,
8.9145

108.6519,
117.5760, 121.6576

■ 4.2864, 4.8947,
4.5894

137.8026,
148.8031, 154.5673

■ 1.8654, 2.1856,
1.9540

171.7500,
185.1209, 192.9335

■ 0.5566, 0.7121,
0.5267

210.8596,

■ 0.0000, 0.0000,

226.9137, 237.1748

0.0000

255.4966,
274.5659, 287.7096

■ 32.7094, 35.8860,
36.2131

■ 32.7094, 35.8860,
36.2131

■ 28.4882, 33.8594,
29.3077

■ 37.5473, 38.2109,
44.1253

■ 24.8559, 32.1146,
23.3666

■ 43.0220, 40.8407,
53.0801

■ 21.7875, 30.6407,
18.3476

■ 49.1566, 43.7875,
63.1141

■ 19.2545, 29.4240,
14.2045

■ 55.9720, 47.0613,
74.2616

■ 17.2264, 28.4498,
10.8872

■ 63.4883, 50.6717,
86.5555

■ 15.6693, 27.7018,
8.3402

■ 71.7246, 54.6281,
100.0271

■ 14.5454, 27.1620,
6.5018

■ 72.5661, 55.0323,
101.4054

■ 13.8109, 26.8091,
5.3002

■ 13.4093, 26.6162,
4.6433

Harmonies

Analogous

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



33.3970, 35.8860, 34.6777



32.7094, 35.8860, 36.2131



32.3972, 35.8860, 38.5671

Triad

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



32.7094, 35.8860, 36.2131



33.9312, 35.8860, 44.2743



35.7300, 35.8860, 37.0574

Complementary

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



32.7094, 35.8860, 36.2131



33.7333, 34.0164, 39.9115

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.



35.8792, 35.8860, 39.5848



32.7094, 35.8860, 36.2131



34.8301, 35.8860, 43.8264

Square

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



32.7094, 35.8860, 36.2131



33.0945, 35.8860, 43.2794



35.5471, 35.8860, 42.0812



35.1431, 35.8860, 35.1498

Rectangle

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



32.7094, 35.8860, 36.2131



32.4399, 35.8860, 40.3136



35.5471, 35.8860, 42.0812



35.8334, 35.8860, 37.8596

Sweetspot

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



32.7104, 35.8875, 36.2139



62.2741, 66.5327, 70.4779



34.5032, 36.8118, 36.2977



13.6365, 14.5560, 15.4442



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.



32.7104, 35.8875, 36.2139



58.0379, 64.4979, 63.5490



33.0956, 36.0416, 38.2423



7.1670, 7.9822, 7.8326



10.1790, 20.3579, 3.3931



0.2139, 0.4278, 0.0713

Inverse Universe

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



33.7333, 34.0164, 39.9115



60.4239, 60.1332, 72.1742



33.3338, 33.8566, 37.8080



7.4738, 7.4210, 8.9415



16.8763, 8.1066, 27.6030



0.3546, 0.1703, 0.5800

Previews

White Background



This preview shows how the XYZ color 32.7094, 35.8860, 36.2131 looks on a white background.

Color Contrast Check

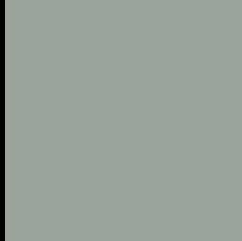
Large Text (above 18pt) WCAG AA × Fail

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 32.7094, 35.8860, 36.2131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

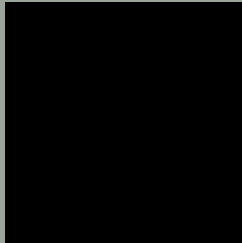
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

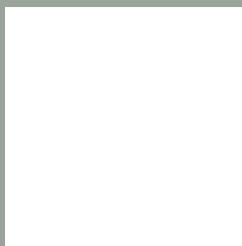
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7094, 35.8860, 36.2131

Background



This preview shows how black text looks on a background with the XYZ color 32.7094, 35.8860, 36.2131.



This preview shows how white text looks on a background with the XYZ color 32.7094, 35.8860,

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

32.7094, 35.8860, 36.2131

Protanopia

34.2205, 35.8966, 35.2621

Deuteranopia

36.5647, 35.7950, 36.8802



Tritanopia

34.4854, 35.8148, 45.1398

Trichromacy



Original Color

32.7094, 35.8860, 36.2131

Protanomaly

33.6534, 35.8551, 35.7189

Deuteranomaly

34.9765, 35.7426, 36.5080

Tritanomaly

33.8000, 35.7988, 41.6876

Monochromacy



Original Color

32.7094, 35.8860, 36.2131

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.0170, 35.2275, 37.4072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7094, 35.8860, 36.2131 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(155, 164, 155)` looks like.

```
.text, #text, p{  
    color:rgb(155, 164, 155)  
}
```

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(155, 164, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 164, 155) }
```

Border

The CSS property to change the border of an element to XYZ 32.7094, 35.8860, 36.2131 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(155, 164, 155) }
```


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

```
.border{ border-color:rgb(155, 164, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 164, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 164, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 164, 155);  
box-shadow:4px 4px 4px 4px rgb(155, 164,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7094, 35.8860, 36.2131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 164, 155) }
```

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

```
.background{ background-color: rgb(155,  
164, 155) }
```

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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