

Converting Colors

XYZ(32.7532, 35.0256, 36.1039)

Have a look what the booklet for
XYZ(32.7532, 35.0256, 36.1039)
contains.

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Color

**XYZ(32.7618, 35.1254,
36.0635)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA19B
RGB	158, 161, 155
RGB Percent	62%, 63%, 61%
CMY	0.3804, 0.3686, 0.3922
CMYK	0.02, 0.00, 0.04, 0.37
HSL	90°, 3%, 62%
HSV	90°, 4%, 63%
XYZ	32.7618, 35.1254, 36.0635
YIQ	159.4190, 0.1380, -2.5020

Conversions

Conversions Part 2

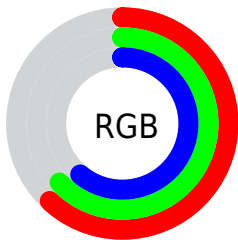
Format	Color
RYB	155, 161, 158
Decimal	10396059
CIELab	65.85, -2.21, 2.74
CIElCh	66, 3.518, 128.940
Yxy	35.1254, 0.3152, 0.3379
Android (android.graphics.Color)	4288586139 (0xFF9EA19B)
YUV	159.4190, -2.1786, -1.2445
Hunter-Lab	59.2667, -5.0444, 5.4090

Details

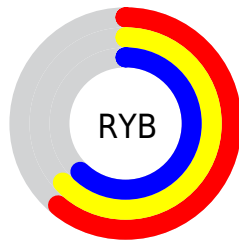
The XYZ color **32.7618, 35.1254, 36.0635** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2563, 33.2860, 38.4448**, and the grayscale version is **33.1570, 34.8837, 37.9884**.

A 20% lighter version of the original color is **63.5051, 67.8613, 70.0731**, and **14.1380, 15.2771, 15.3003** is the 20% darker color. If you saturate the color by 10%, you get **29.9663, 33.8312, 29.3388**, and if you desaturate by 10%, it is **35.8435, 36.5483, 43.7442**.

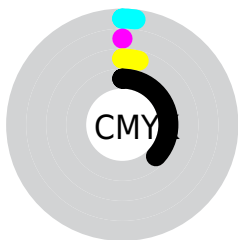
Distribution



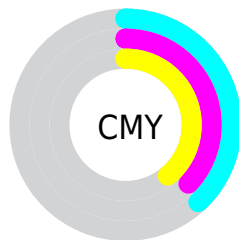
- Red (62%)
- Green (63%)
- Blue (61%)



- Red (61%)
- Yellow (63%)
- Blue (62%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (37%)



- Cyan (38%)
- Magenta (37%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7618, 35.1254, 36.0635 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 32.7618, 35.1254, 36.0635 by changing the saturation by 10% instead.

■ 32.7618, 35.1254,
36.0635

■ 32.7618, 35.1254,
36.0635

306.2590,
325.1215, 344.2838

■ 22.1024, 23.7595,
24.1932

■ 63.3606, 67.6800,
70.3002

■ 14.0492, 15.1553,
15.2634

■ 84.0308, 89.6375,
93.5037

■ 8.2368, 8.9285,
8.8558

108.7685,
115.8942, 121.3219

■ 4.2999, 4.6945,
4.5517

137.9392,
146.8347, 154.1735

■ 1.8732, 2.0692,
1.9326

171.9083,
182.8433, 192.4769

■ 0.5612, 0.6472,
0.5134

211.0411,

■ 0.0000, 0.0000,

224.3043, 236.6507

0.0000

255.7028,
271.6023, 287.1135

■ 32.7618, 35.1254,
36.0635

■ 32.7618, 35.1254,
36.0635

■ 29.9663, 33.8312,
29.3388

■ 35.8435, 36.5483,
43.7442

■ 27.4449, 32.6574,
23.5305

■ 39.2170, 38.0990,
52.4140

■ 25.1891, 31.6013,
18.5994

■ 42.8916, 39.7826,
62.1072

■ 23.1887, 30.6586,
14.5027

■ 46.8750, 41.6023,
72.8557

■ 21.4327, 29.8248,
11.1942

■ 51.1750, 43.5615,
84.6900

■ 19.9092, 29.0947,
8.6229

■ 55.7986, 45.6633,
97.6394

■ 18.6051, 28.4629,
6.7319

■ 58.6394, 47.0652,
100.6016

■ 17.5056, 27.9232,
5.4560

■ 61.0544, 48.3101,
100.7146

■ 16.5935, 27.4684,
4.7173

■ 63.5874, 49.6159,
100.8332

Harmonies

Analogous

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



33.2307, 35.1254, 35.4888



32.7618, 35.1254, 36.0635



32.4622, 35.1254, 37.2268

Triad

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



32.7618, 35.1254, 36.0635



33.0280, 35.1254, 40.9777



34.3821, 35.1254, 37.8028

Complementary

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



32.7618, 35.1254, 36.0635



32.2563, 33.2860, 38.4448

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.



34.3264, 35.1254, 39.2828



32.7618, 35.1254, 36.0635



33.5411, 35.1254, 41.1416

Square

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



32.7618, 35.1254, 36.0635



32.6148, 35.1254, 40.0718



34.0173, 35.1254, 40.5140



34.1686, 35.1254, 36.4757

Rectangle

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



32.7618, 35.1254, 36.0635



32.3969, 35.1254, 38.1927



34.0173, 35.1254, 40.5140



34.3943, 35.1254, 38.2985

Sweetspot

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



32.7628, 35.1269, 36.0643



60.1162, 63.5732, 68.1396



32.8425, 34.3987, 35.9195



13.1915, 13.9458, 14.9617



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.7628, 35.1269, 36.0643



58.4902, 62.8218, 64.1387



32.1799, 34.8264, 36.0370



7.6163, 8.2040, 8.2999



12.8989, 21.7601, 3.5203



0.3255, 0.4853, 0.0765

Inverse Universe

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



32.2563, 33.2860, 38.4448



57.5010, 59.2265, 68.7878



32.8537, 33.5939, 38.4727



7.4695, 7.6704, 8.9899



7.8641, 3.4606, 27.1833



0.2197, 0.1008, 0.5737

Previews

White Background



This preview shows how the XYZ color 32.7618, 35.1254, 36.0635 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 32.7618, 35.1254, 36.0635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

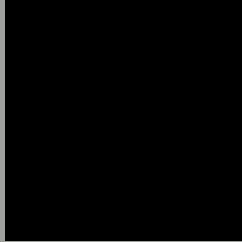
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

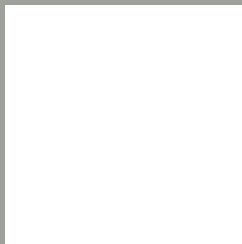
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7618, 35.1254, 36.0635

Background



This preview shows how black text looks on a background with the XYZ color 32.7618, 35.1254, 36.0635.



This preview shows how white text looks on a background with the XYZ color 32.7618, 35.1254,

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

32.7618, 35.1254, 36.0635

Protanopia

33.5407, 35.0219, 35.5640

Deuteranopia

35.8536, 35.1901, 36.3552



Tritanopia

34.2460, 35.2101, 43.5194

Trichromacy



Original Color

32.7618, 35.1254, 36.0635

Protanomaly

33.3038, 35.1561, 35.6024

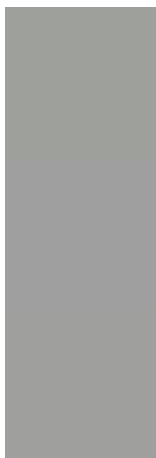
Deuteranomaly

34.6353, 35.0603, 36.3943

Tritanomaly

33.6604, 35.2292, 40.6231

Monochromacy



Original Color

32.7618, 35.1254, 36.0635

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

33.0404, 34.9812, 37.3584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7618, 35.1254, 36.0635 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(158, 161, 155)` looks like.

```
.text, #text, p{  
    color:rgb(158, 161, 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(158, 161, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 161, 155) }
```

Border

The CSS property to change the border of an element to XYZ 32.7618, 35.1254, 36.0635 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(158, 161, 155) }
```


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

```
.border{ border-color:rgb(158, 161, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 161, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 161, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 161, 155);  
box-shadow:4px 4px 4px 4px rgb(158, 161,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7618, 35.1254, 36.0635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 161, 155) }
```

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

```
.background{ background-color: rgb(158,  
161, 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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