

Converting Colors

XYZ(32.4035, 35.2641, 37.7854)

Have a look what the booklet for
XYZ(32.4035, 35.2641, 37.7854)
contains.

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Color

**XYZ(32.3152, 35.1162,
37.8758)**

Conversions

Conversions Part 1

Format	Color
Hex	99A29F
RGB	153, 162, 159
RGB Percent	60%, 64%, 62%
CMY	0.4000, 0.3647, 0.3765
CMYK	0.06, 0.00, 0.02, 0.36
HSL	160°, 5%, 62%
HSV	160°, 6%, 64%
XYZ	32.3152, 35.1162, 37.8758
YIQ	158.9670, -4.4010, -2.8410

Conversions

Conversions Part 2

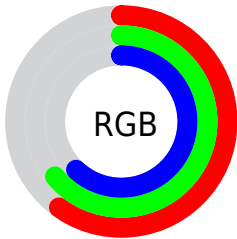
Format	Color
RYB	153, 158, 162
Decimal	10068639
CIELab	65.84, -3.78, 0.44
CIELCh	66, 3.807, 173.303
Yxy	35.1162, 0.3069, 0.3335
Android (android.graphics.Color)	4288258719 (0xFF99A29F)
YUV	158.9670, 0.0163, -5.2331
Hunter-Lab	59.2589, -6.3631, 3.5856

Details

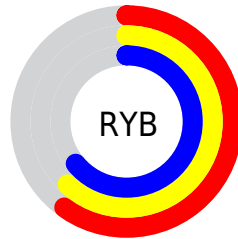
The XYZ color **32.3152, 35.1162, 37.8758** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2936, 32.8650, 36.0957**, and the grayscale version is **32.9418, 34.6573, 37.7418**.

A 20% lighter version of the original color is **62.6826, 67.7461, 73.3909**, and **13.7622, 15.0594, 16.3688** is the 20% darker color. If you saturate the color by 10%, you get **29.0042, 33.4633, 35.3269**, and if you desaturate by 10%, it is **36.0639, 36.9943, 40.5536**.

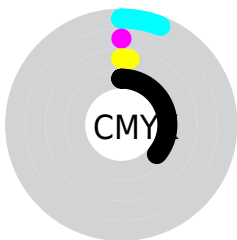
Distribution



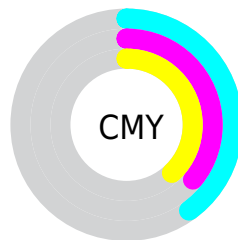
- Red (60%)
- Green (64%)
- Blue (62%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (36%)



- Cyan (40%)
- Magenta (36%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3152, 35.1162, 37.8758 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 32.3152, 35.1162, 37.8758 by changing the saturation by 10% instead.

■ 32.3152, 35.1162,
37.8758

■ 32.3152, 35.1162,
37.8758

304.2724,
325.0809, 352.3691

■ 21.7591, 23.7524,
25.5852

■ 62.6668, 67.6657,
73.1190

■ 13.7956, 15.1501,
16.2906

■ 83.1929, 89.6203,
96.9088

■ 8.0594, 8.9248,
9.5735

107.7731,
115.8738, 125.3687

■ 4.1851, 4.6921,
5.0152

136.7727,
146.8108, 158.9172

■ 1.8074, 2.0678,
2.1973

170.5571,
182.8156, 197.9730

■ 0.5221, 0.6464,
0.6728

209.4916,

■ 0.0000, 0.0000,

224.2727, 242.9546

0.0000

253.9416,
271.5663, 294.2804

■ 32.3152, 35.1162,
37.8758

■ 32.3152, 35.1162,
37.8758

■ 29.0042, 33.4633,
35.3269

■ 36.0639, 36.9943,
40.5536

■ 26.1110, 32.0225,
32.9025

■ 40.2632, 39.1014,
43.3602

■ 23.6186, 30.7859,
30.6012

■ 44.9293, 41.4466,
46.2982

■ 21.5077, 29.7438,
28.4206

■ 50.0764, 44.0374,
49.3697

■ 19.7572, 28.8852,
26.3583

■ 55.7185, 46.8809,
52.5766

■ 18.3442, 28.1984,
24.4118

■ 61.8687, 49.9838,
55.9206

■ 17.2427, 27.6700,
22.5784

■ 64.2190, 51.1252,
59.2014

■ 16.4228, 27.2847,
20.8552

■ 64.8487, 51.3771,
62.5176

■ 15.8458, 27.0224,
19.2387

■ 65.5009, 51.6380,
65.9518

Harmonies

Analogous

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



32.5180, 35.1162, 36.4160



32.3152, 35.1162, 37.8758



32.3943, 35.1162, 39.4728

Triad

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



32.3152, 35.1162, 37.8758



33.8062, 35.1162, 41.1487



34.0268, 35.1162, 35.8076

Complementary

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



32.3152, 35.1162, 37.8758



32.2936, 32.8650, 36.0957

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.



34.3792, 35.1162, 37.0244



32.3152, 35.1162, 37.8758



34.2508, 35.1162, 40.1148

Square

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



32.3152, 35.1162, 37.8758



33.2510, 35.1162, 41.3921



34.4616, 35.1162, 38.5976



33.5031, 35.1162, 35.2437

Rectangle

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



32.3152, 35.1162, 37.8758



32.5967, 35.1162, 40.3975



34.4616, 35.1162, 38.5976



34.1694, 35.1162, 36.1522

Sweetspot

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



32.3162, 35.1177, 37.8766



60.9674, 64.9027, 70.4426



32.4106, 35.2251, 35.2283



13.7105, 14.5856, 15.8337



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.



32.3162, 35.1177, 37.8766



57.6656, 63.2509, 68.0142



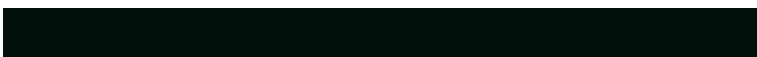
32.3434, 34.7500, 39.1870



7.3212, 8.0439, 8.6448



12.3306, 21.2186, 14.7235



0.2796, 0.4541, 0.4174

Inverse Universe

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



32.2936, 32.8650, 36.0957



57.6134, 58.0561, 63.9075



32.2646, 33.2091, 34.8469



7.3143, 7.3572, 8.1020



12.2823, 6.2690, 3.4111



0.2793, 0.1402, 0.1833

Previews

White Background



This preview shows how the XYZ color 32.3152, 35.1162, 37.8758 looks on a white background.

Color Contrast Check

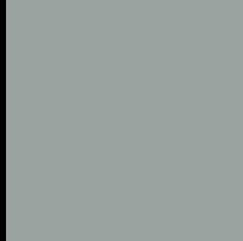
Large Text (above 18pt) WCAG AA × Fail

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 32.3152, 35.1162, 37.8758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

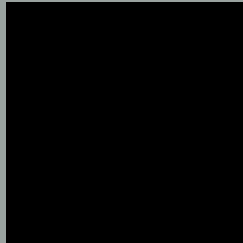
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

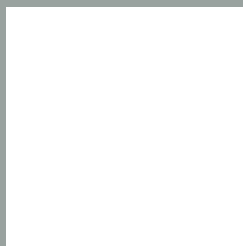
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.3152, 35.1162, 37.8758

Background



This preview shows how black text looks on a background with the XYZ color 32.3152, 35.1162, 37.8758.



This preview shows how white text looks on a background with the XYZ color 32.3152, 35.1162,

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

32.3152, 35.1162, 37.8758

Protanopia

33.5882, 35.0171, 36.8870

Deuteranopia

35.7457, 35.0947, 38.1477



Tritanopia

33.6312, 35.1273, 44.5429

Trichromacy



Original Color

32.3152, 35.1162, 37.8758

Protanomaly

33.0404, 34.9812, 37.3584

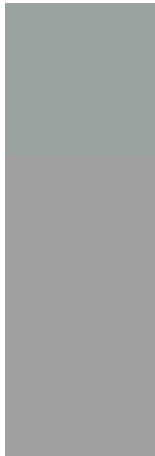
Deuteranomaly

34.5084, 35.2073, 38.2346

Tritanomaly

33.1392, 35.1869, 42.0909

Monochromacy



Original Color

32.3152, 35.1162, 37.8758

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.7334, 34.8129, 37.7952

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3152, 35.1162, 37.8758 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(153, 162, 159)` looks like.

```
.text, #text, p{  
    color:rgb(153, 162, 159)  
}
```

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(153, 162, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 162, 159) }
```

Border

The CSS property to change the border of an element to XYZ 32.3152, 35.1162, 37.8758 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(153, 162, 159) }
```


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

```
.border{ border-color:rgb(153, 162, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 162, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 162, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 162, 159);  
box-shadow:4px 4px 4px 4px rgb(153, 162,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3152, 35.1162, 37.8758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 162, 159) }
```

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

```
.background{ background-color: rgb(153,  
162, 159) }
```

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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