

Converting Colors

XYZ(32.5771, 35.7241, 35.3060)

Have a look what the booklet for
XYZ(32.5771, 35.7241, 35.3060)
contains.

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Color

**XYZ(32.7355, 35.9187,
35.3447)**

Conversions

Conversions Part 1

Format	Color
Hex	9CA499
RGB	156, 164, 153
RGB Percent	61%, 64%, 60%
CMY	0.3882, 0.3568, 0.4000
CMYK	0.05, 0.00, 0.07, 0.36
HSL	104°, 6%, 62%
HSV	104°, 7%, 64%
XYZ	32.7355, 35.9187, 35.3447
YIQ	160.3540, -1.2370, -5.1170

Conversions

Conversions Part 2

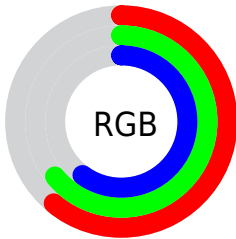
Format	Color
RYB	153, 164, 161
Decimal	10265753
CIELab	66.46, -4.94, 4.72
CIElCh	66, 6.831, 136.333
Yxy	35.9187, 0.3148, 0.3454
Android (android.graphics.Color)	4288455833 (0xFF9CA499)
YUV	160.3540, -3.6255, -3.8185
Hunter-Lab	59.9322, -7.3831, 6.9866

Details

The XYZ color **32.7355, 35.9187, 35.3447** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.7914, 33.0409, 39.7730**, and the grayscale version is **33.5944, 35.3439, 38.4895**.

A 20% lighter version of the original color is **63.1723, 68.8697, 68.9951**, and **14.0181, 15.5509, 14.8332** is the 20% darker color. If you saturate the color by 10%, you get **29.2770, 34.2827, 28.5913**, and if you desaturate by 10%, it is **36.6089, 37.7491, 43.0910**.

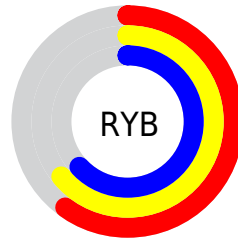
Distribution



Red (61%)

Green (64%)

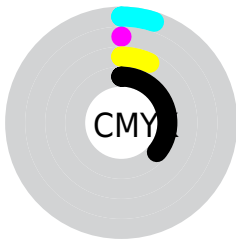
Blue (60%)



Red (60%)

Yellow (64%)

Blue (63%)

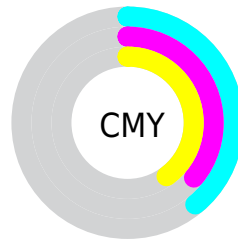


Cyan (5%)

Magenta (0%)

Yellow (7%)

Black (36%)



Cyan (39%)

Magenta (36%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7355, 35.9187, 35.3447 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 32.7355, 35.9187, 35.3447 by changing the saturation by 10% instead.

■ 32.7355, 35.9187,
35.3447

■ 32.7355, 35.9187,
35.3447

306.1423,
328.6051, 341.0376

■ 22.0822, 24.3714,
23.6428

■ 63.3198, 68.9066,
69.1770

■ 14.0342, 15.6094,
14.8592

■ 83.9815, 91.1159,
92.1446

■ 8.2263, 9.2482,
8.5751

108.7100,
117.6481, 119.7045

■ 4.2931, 4.9034,
4.3721

137.8707,
148.8875, 152.2752

■ 1.8693, 2.1907,
1.8316

171.8289,
185.2185, 190.2754

■ 0.5589, 0.7149,
0.4487

210.9500,

■ 0.0000, 0.0000,

227.0255, 234.1234

0.0000

255.5993,
274.6929, 284.2380

■ 32.7355, 35.9187,
35.3447

■ 32.7355, 35.9187,
35.3447

■ 29.2770, 34.2827,
28.5913

■ 36.6089, 37.7491,
43.0910

■ 26.2165, 32.8302,
22.7883

■ 40.9077, 39.7755,
51.8655

■ 23.5400, 31.5560,
17.8938

■ 45.6456, 42.0050,
61.7049

■ 21.2318, 30.4529,
13.8617

■ 50.8347, 44.4434,
72.6432

■ 19.2747, 29.5133,
10.6419

■ 56.4868, 47.0959,
84.7130

■ 17.6505, 28.7288,
8.1792

■ 62.6131, 49.9676,
97.9454

■ 16.3388, 28.0904,
6.4114

■ 67.0937, 52.2112,
101.1493

■ 15.3169, 27.5878,
5.2666

■ 71.2667, 54.3624,
101.3446

■ 14.5549, 27.2081,
4.6396

■ 72.5661, 55.0323,
101.4054

Harmonies

Analogous

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



33.5891, 35.9187, 33.9452



32.7355, 35.9187, 35.3447



32.2625, 35.9187, 37.7924

Triad

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



32.7355, 35.9187, 35.3447



33.6767, 35.9187, 44.8467



36.0636, 35.9187, 37.5454

Complementary

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



32.7355, 35.9187, 35.3447



32.7914, 33.0409, 39.7730

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.



36.0882, 35.9187, 40.4565



32.7355, 35.9187, 35.3447



34.6962, 35.9187, 44.7724

Square

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



32.7355, 35.9187, 35.3447



32.7985, 35.9187, 43.3305



35.5834, 35.9187, 43.1323



35.5169, 35.9187, 35.1716

Rectangle

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



32.7355, 35.9187, 35.3447



32.2204, 35.9187, 39.7345



35.5834, 35.9187, 43.1323



36.1336, 35.9187, 38.4908

Sweetspot

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



32.7365, 35.9202, 35.3455



62.6076, 66.7047, 70.4934



33.7855, 35.6429, 35.2367



13.7053, 14.5915, 15.4474



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.



32.7365, 35.9202, 35.3455



58.4683, 64.7483, 62.2778



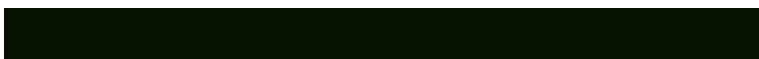
32.3621, 35.7042, 36.3662



7.1584, 7.9841, 7.5439



11.0396, 20.8016, 3.4333



0.2748, 0.4592, 0.0741

Inverse Universe

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



32.7914, 33.0409, 39.7730



58.5882, 58.4593, 71.9482



33.1899, 33.2710, 38.6782



7.1751, 7.1046, 8.8962



11.0490, 5.1025, 27.3323



0.2737, 0.1286, 0.5763

Previews

White Background



This preview shows how the XYZ color 32.7355, 35.9187, 35.3447 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 32.7355, 35.9187, 35.3447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

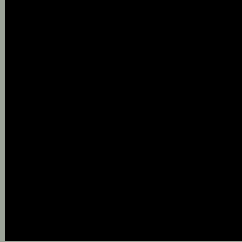
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

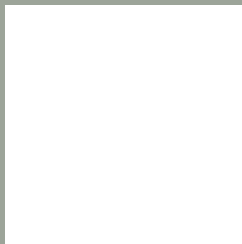
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7355, 35.9187, 35.3447

Background



This preview shows how black text looks on a background with the XYZ color 32.7355, 35.9187, 35.3447.



This preview shows how white text looks on a background with the XYZ color 32.7355, 35.9187,

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

32.7355, 35.9187, 35.3447

Protanopia

34.2671, 35.9396, 34.4091

Deuteranopia

36.6273, 35.8468, 35.9990



Tritanopia

34.6829, 35.9167, 45.1490

Trichromacy



Original Color

32.7355, 35.9187, 35.3447

Protanomaly

33.6921, 35.8942, 34.8583

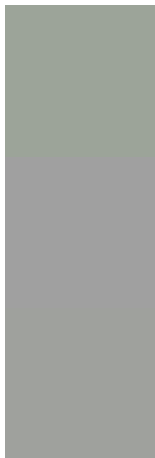
Deuteranomaly

35.0255, 35.7873, 35.6334

Tritanomaly

33.9038, 35.8629, 41.2117

Monochromacy



Original Color

32.7355, 35.9187, 35.3447

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.1287, 35.2950, 36.9648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7355, 35.9187, 35.3447 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, 164, 153)` looks like.

```
.text, #text, p{  
    color:rgb(156, 164, 153)  
}
```

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, 164, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 164, 153) }
```

Border

The CSS property to change the border of an element to XYZ 32.7355, 35.9187, 35.3447 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, 164, 153) }
```


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

```
.border{ border-color:rgb(156, 164, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 164, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 164, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 164, 153);  
box-shadow:4px 4px 4px 4px rgb(156, 164,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7355, 35.9187, 35.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 164, 153) }
```

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

```
.background{ background-color: rgb(156,  
164, 153) }
```

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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