

Converting Colors

XYZ(33.1321, 35.7292, 42.7543)

Have a look what the booklet for
XYZ(33.1321, 35.7292, 42.7543)
contains.

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Color

**XYZ(33.0211, 35.6383,
42.6746)**

Conversions

Conversions Part 1

Format	Color
Hex	97A3A9
RGB	151, 163, 169
RGB Percent	59%, 64%, 66%
CMY	0.4078, 0.3608, 0.3373
CMYK	0.11, 0.04, 0.00, 0.34
HSL	200°, 9%, 63%
HSV	200°, 11%, 66%
XYZ	33.0211, 35.6383, 42.6746
YIQ	160.0960, -9.0780, -0.6780

Conversions

Conversions Part 2

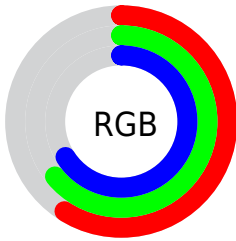
Format	Color
R _Y B	151, 158, 169
Decimal	9937833
CIE Lab	66.24, -3.00, -4.57
CIE LCh	66, 5.462, 236.715
Yxy	35.6383, 0.2966, 0.3201
Android (android.graphics.Color)	4288127913 (0xFF97A3A9)
YUV	160.0960, 4.3897, -7.9772
Hunter-Lab	59.6978, -5.7362, -0.5946

Details

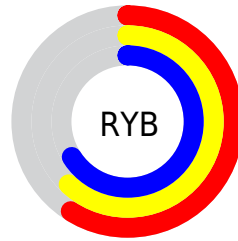
The XYZ color **33.0211, 35.6383, 42.6746** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0052, 34.7830, 34.2002**, and the grayscale version is **33.4421, 35.1837, 38.3150**.

A 20% lighter version of the original color is **63.7028, 68.5038, 80.3861**, and **14.1509, 15.3626, 19.0491** is the 20% darker color. If you saturate the color by 10%, you get **29.1294, 32.1816, 42.2131**, and if you desaturate by 10%, it is **37.4091, 39.4188, 43.1736**.

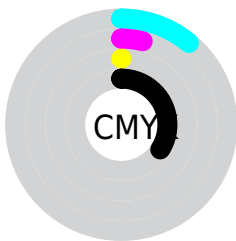
Distribution



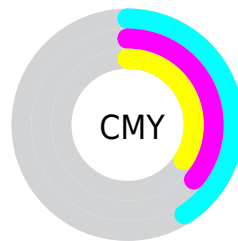
- Red (59%)
- Green (64%)
- Blue (66%)



- Red (59%)
- Yellow (62%)
- Blue (66%)



- Cyan (11%)
- Magenta (4%)
- Yellow (0%)
- Black (34%)



- Cyan (41%)
- Magenta (36%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0211, 35.6383, 42.6746 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 33.0211, 35.6383, 42.6746 by changing the saturation by 10% instead.

■ 33.0211, 35.6383,
42.6746

■ 33.0211, 35.6383,
42.6746

307.4081,
327.3769, 373.1537

■ 22.3019, 24.1550,
29.3004

■ 63.7629, 68.4734,
80.5007

■ 14.1968, 15.4486,
19.0606

■ 84.5163, 90.5940,
105.7896

■ 8.3403, 9.1348,
11.5368

109.3451,
117.0292, 135.8872

■ 4.3671, 4.8292,
6.3105

138.6147,
148.1632, 171.2119

■ 1.9118, 2.1474,
2.9629

172.6904,
184.3806, 212.1824

■ 0.5837, 0.6911,
1.0757

211.9377,

■ 0.0000, 0.0000,

226.0658, 259.2172

0.0000

256.7218,
273.6031, 312.7348

■ 33.0211, 35.6383,
42.6746

■ 33.0211, 35.6383,
42.6746

■ 29.1294, 32.1816,
42.2131

■ 37.4091, 39.4188,
43.1736

■ 25.7111, 29.0333,
41.7855

■ 42.3086, 43.5290,
43.7087

■ 22.7465, 26.1832,
41.3917

■ 47.7383, 47.9803,
44.2817

■ 20.2127, 23.6188,
41.0302

■ 53.7147, 52.7819,
44.8935

■ 18.0852, 21.3264,
40.6999

■ 60.2537, 57.9429,
45.5451

■ 16.3364, 19.2909,
40.3992

■ 67.3705, 63.4718,
46.2372

■ 14.9353, 17.4953,
40.1264

■ 69.6207, 66.5629,
46.7152

■ 13.8452, 15.9198,
39.8798

■ 70.9697, 69.2610,
47.1649

■ 13.0325, 14.6064,
39.6691

■ 72.3675, 72.0566,
47.6308

Harmonies

Analogous

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



32.4937, 35.6383, 40.8550



33.0211, 35.6383, 42.6746



33.7835, 35.6383, 43.4552

Triad

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



33.0211, 35.6383, 42.6746



35.4605, 35.6383, 39.0616



33.1741, 35.6383, 34.9348

Complementary

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



33.0211, 35.6383, 42.6746



34.0052, 34.7830, 34.2002

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.



33.9629, 35.6383, 34.4972



33.0211, 35.6383, 42.6746



35.2911, 35.6383, 36.8229

Square

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



33.0211, 35.6383, 42.6746



35.1990, 35.6383, 41.3174



34.7397, 35.6383, 35.1749



32.5810, 35.6383, 36.3948

Rectangle

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



33.0211, 35.6383, 42.6746



34.3255, 35.6383, 43.2591



34.7397, 35.6383, 35.1749



33.4248, 35.6383, 34.6659

Sweetspot

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



33.0221, 35.6398, 42.6754



65.0261, 68.9161, 77.1000



33.0112, 37.3799, 37.2399



14.0347, 14.9024, 16.7889



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



33.0221, 35.6398, 42.6754



57.2566, 62.1747, 76.2083



31.5296, 32.6548, 42.1779



7.5338, 8.1046, 9.5856



9.7635, 10.9872, 29.5816



0.2816, 0.3554, 0.7344

Inverse Universe

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



34.0404, 33.2132, 39.2688



59.4971, 56.9204, 68.6939



35.5304, 37.8335, 34.7086



7.7340, 7.6235, 8.9167



14.4288, 7.1802, 12.3353



0.3733, 0.1836, 0.4172

Previews

White Background



This preview shows how the XYZ color 33.0211, 35.6383, 42.6746 looks on a white background.

Color Contrast Check

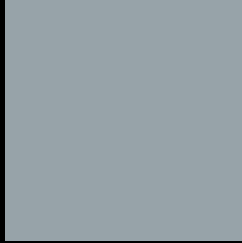
Large Text (above 18pt) WCAG AA × Fail

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 33.0211, 35.6383, 42.6746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

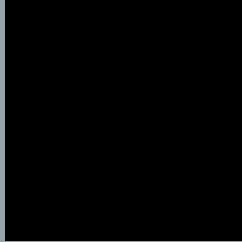
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

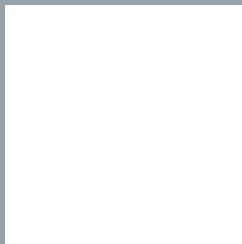
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.0211, 35.6383, 42.6746

Background



This preview shows how black text looks on a background with the XYZ color 33.0211, 35.6383, 42.6746.



This preview shows how white text looks on a background with the XYZ color 33.0211, 35.6383,

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

33.0211, 35.6383, 42.6746

Protanopia

34.4461, 35.6130, 41.6177

Deuteranopia

36.1574, 35.4499, 42.9670



Tritanopia

33.6071, 35.6112, 45.6598

Trichromacy



Original Color

33.0211, 35.6383, 42.6746

Protanomaly

33.9133, 35.5860, 42.1271

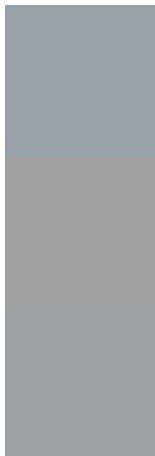
Deuteranomaly

34.9637, 35.5911, 43.0572

Tritanomaly

33.4121, 35.5332, 44.6328

Monochromacy



Original Color

33.0211, 35.6383, 42.6746

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.2604, 35.3022, 39.7113

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0211, 35.6383, 42.6746 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(151, 163, 169)` looks like.

```
.text, #text, p{  
    color:rgb(151, 163, 169)  
}
```

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(151, 163, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 163, 169) }
```

Border

The CSS property to change the border of an element to XYZ 33.0211, 35.6383, 42.6746 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(151, 163, 169) }
```


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

```
.border{ border-color:rgb(151, 163, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 163, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 163, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 163, 169);  
box-shadow:4px 4px 4px 4px rgb(151, 163,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0211, 35.6383, 42.6746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 163, 169) }
```

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

```
.background{ background-color: rgb(151,  
163, 169) }
```

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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