

Converting Colors

XYZ(33.5256, 33.6072, 42.4546)

Have a look what the booklet for
XYZ(33.5256, 33.6072, 42.4546)
contains.

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Color

**XYZ(33.4150, 33.5528,
42.2513)**

Conversions

Conversions Part 1

Format	Color
Hex	A19AA9
RGB	161, 154, 169
RGB Percent	63%, 60%, 66%
CMY	0.3686, 0.3961, 0.3373
CMYK	0.05, 0.09, 0.00, 0.34
HSL	268°, 8%, 63%
HSV	268°, 9%, 66%
XYZ	33.4150, 33.5528, 42.2513
YIQ	157.8030, -0.6430, 6.1490

Conversions

Conversions Part 2

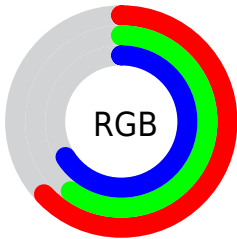
Format	Color
R_{YB}	161, 154, 169
Decimal	10590889
CIE Lab	64.61, 5.45, -6.90
CIE LCh	65, 8.794, 308.289
Yxy	33.5528, 0.3059, 0.3072
Android (android.graphics.Color)	4288780969 (0xFFA19AA9)
YUV	157.8030, 5.5201, 2.8038
Hunter-Lab	57.9248, 1.6027, -2.6998

Details

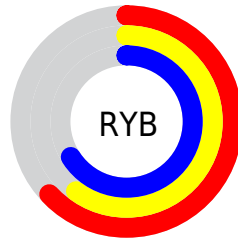
The XYZ color **33.4150, 33.5528, 42.2513** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.9221, 38.3912, 36.1431**, and the grayscale version is **32.3870, 34.0736, 37.1061**.

A 20% lighter version of the original color is **64.3293, 65.0925, 79.6946**, and **14.3678, 14.2361, 18.8202** is the 20% darker color. If you saturate the color by 10%, you get **29.0684, 27.4595, 41.3048**, and if you desaturate by 10%, it is **38.2873, 40.5019, 43.3363**.

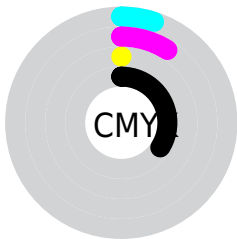
Distribution



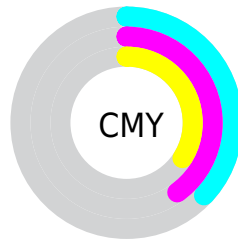
- Red (63%)
- Green (60%)
- Blue (66%)



- Red (63%)
- Yellow (60%)
- Blue (66%)



- Cyan (5%)
- Magenta (9%)
- Yellow (0%)
- Black (34%)



- Cyan (37%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.4150, 33.5528, 42.2513 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 33.4150, 33.5528, 42.2513 by changing the saturation by 10% instead.

■ 33.4150, 33.5528,
42.2513

■ 33.4150, 33.5528,
42.2513

309.1476,
318.1334, 371.3540

■ 22.6053, 22.5503,
28.9711

■ 64.3733, 65.2376,
79.8540

■ 14.4214, 14.2618,
18.8136

■ 85.2525, 86.6887,
105.0136

■ 8.4980, 8.3030,
11.3602

110.2190,
112.3914, 134.9700

■ 4.4697, 4.2894,
6.1924

139.6382,
142.7302, 170.1418

■ 1.9711, 1.8367,
2.8918

173.8752,
178.0894, 210.9476

■ 0.6177, 0.5099,
1.0396

213.2956,

■ 0.0000, 0.0000,

218.8533, 257.8058

0.0000

258.2646,
265.4066, 311.1351

■ 33.4150, 33.5528,
42.2513

■ 33.4150, 33.5528,
42.2513

■ 29.0684, 27.4595,
41.3048

■ 38.2873, 40.5019,
43.3363

■ 25.2255, 22.1838,
40.4890

■ 43.7003, 48.3346,
44.5629

■ 21.8669, 17.6905,
39.7987

■ 49.6721, 57.0827,
45.9367

■ 18.9709, 13.9405,
39.2275

■ 56.2191, 66.7753,
47.4625

■ 16.5139, 10.8912,
38.7685

■ 63.3570, 77.4399,
49.1448

■ 14.4699, 8.4953,
38.4138

■ 70.9716, 88.8449,
50.9448

■ 12.8098, 6.6996,
38.1546

■ 73.6936, 90.2482,
51.0722

■ 11.5001, 5.4420,
37.9809

■ 76.5637, 91.7278,
51.2065

■ 10.4797, 4.6059,
37.8733

■ 79.5843, 93.2849,
51.3479

Harmonies

Analogous

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



32.2413, 33.5528, 43.8344



33.4150, 33.5528, 42.2513



34.1939, 33.5528, 39.1592

Triad

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



33.4150, 33.5528, 42.2513



32.7951, 33.5528, 30.4617



29.5543, 33.5528, 37.5422

Complementary

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



33.4150, 33.5528, 42.2513



34.9221, 38.3912, 36.1431

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.



29.6937, 33.5528, 34.0275



33.4150, 33.5528, 42.2513



31.5431, 33.5528, 30.0915

Square

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



33.4150, 33.5528, 42.2513



33.8295, 33.5528, 32.4025



30.4139, 33.5528, 31.3560



30.0278, 33.5528, 41.0011

Rectangle

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



33.4150, 33.5528, 42.2513



34.3731, 33.5528, 36.7408



30.4139, 33.5528, 31.3560



29.5312, 33.5528, 36.3266

Sweetspot

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



33.4160, 33.5542, 42.2520



64.8070, 67.1456, 76.7698



33.4534, 35.6646, 42.6574



13.9748, 14.4203, 16.6990



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.



33.4160, 33.5542, 42.2520



57.9545, 57.4238, 75.2545



34.9197, 34.3294, 42.3224



7.4521, 7.4657, 9.4666



7.7925, 3.4006, 28.2212



0.2490, 0.1134, 0.6894

Inverse Universe

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



34.4405, 34.1563, 38.9615



60.2491, 58.7725, 67.8716



33.4915, 37.6537, 36.0761



7.6921, 7.6067, 8.6956



13.6019, 6.8495, 7.9810



0.3564, 0.1768, 0.3284

Previews

White Background



This preview shows how the XYZ color 33.4150, 33.5528, 42.2513 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 33.4150, 33.5528, 42.2513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

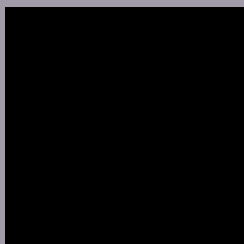
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.4150, 33.5528, 42.2513

Background



This preview shows how black text looks on a background with the XYZ color 33.4150, 33.5528, 42.2513.



This preview shows how white text looks on a background with the XYZ color 33.4150, 33.5528,

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

33.4150, 33.5528, 42.2513

Protanopia

32.8545, 33.7471, 42.8124

Deuteranopia

34.1156, 33.4280, 42.1903



Tritanopia

33.2286, 33.4783, 41.2698

Trichromacy



Original Color

33.4150, 33.5528, 42.2513

Protanomaly

33.0776, 33.6141, 42.7750

Deuteranomaly

33.8625, 33.5396, 42.2252

Tritanomaly

33.3214, 33.5154, 41.7587

Monochromacy



Original Color

33.4150, 33.5528, 42.2513

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.8766, 34.0935, 39.0303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4150, 33.5528, 42.2513 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(161, 154, 169)` looks like.

```
.text, #text, p{  
    color:rgb(161, 154, 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(161, 154, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 154, 169) }
```

Border

The CSS property to change the border of an element to XYZ 33.4150, 33.5528, 42.2513 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(161, 154, 169) }
```


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

```
.border{ border-color:rgb(161, 154, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 154, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 154, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 154, 169);  
box-shadow:4px 4px 4px 4px rgb(161, 154,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4150, 33.5528, 42.2513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 154, 169) }
```

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

```
.background{ background-color: rgb(161,  
154, 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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