

Converting Colors

XYZ(33.5885, 35.0632, 43.5256)

Have a look what the booklet for
XYZ(33.5885, 35.0632, 43.5256)
contains.

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Color

**XYZ(33.6318, 35.1498,
43.5401)**

Conversions

Conversions Part 1

Format	Color
Hex	9CA0AB
RGB	156, 160, 171
RGB Percent	61%, 63%, 67%
CMY	0.3882, 0.3725, 0.3294
CMYK	0.09, 0.06, 0.00, 0.33
HSL	224°, 8%, 64%
HSV	224°, 9%, 67%
XYZ	33.6318, 35.1498, 43.5401
YIQ	160.0580, -5.9150, 2.5730

Conversions

Conversions Part 2

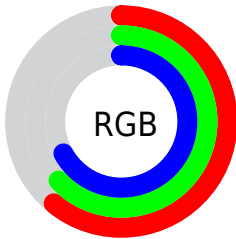
Format	Color
RYB	156, 159, 171
Decimal	10264747
CIELab	65.87, 0.78, -6.20
CIELCh	66, 6.249, 277.201
Yxy	35.1498, 0.2994, 0.3129
Android (android.graphics.Color)	4288454827 (0xFF9CA0AB)
YUV	160.0580, 5.3944, -3.5589
Hunter-Lab	59.2873, -2.4953, -2.0410

Details

The XYZ color **33.6318, 35.1498, 43.5401** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.6142, 38.6954, 36.9923**, and the grayscale version is **33.4191, 35.1594, 38.2886**.

A 20% lighter version of the original color is **64.8919, 67.9407, 81.6452**, and **14.6241, 15.2724, 19.6299** is the 20% darker color. If you saturate the color by 10%, you get **28.4882, 29.4335, 42.7084**, and if you desaturate by 10%, it is **39.4626, 41.5476, 44.4682**.

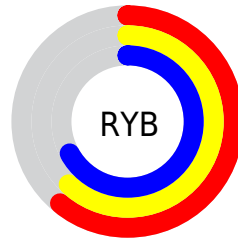
Distribution



Red (61%)

Green (63%)

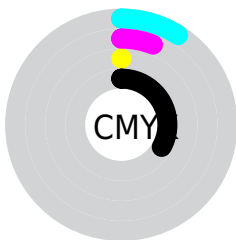
Blue (67%)



Red (61%)

Yellow (62%)

Blue (67%)

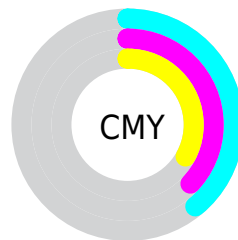


Cyan (9%)

Magenta (6%)

Yellow (0%)

Black (33%)



Cyan (39%)

Magenta (37%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.6318, 35.1498, 43.5401 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 33.6318, 35.1498, 43.5401 by changing the saturation by 10% instead.

■ 33.6318, 35.1498,
43.5401

■ 33.6318, 35.1498,
43.5401

310.1020,
325.2290, 376.8145

■ 22.7724, 23.7783,
29.9746

■ 64.7088, 67.7178,
81.8203

■ 14.5453, 15.1692,
19.5674

■ 85.6571, 89.6830,
107.3721

■ 8.5851, 8.9382,
11.9000

110.6991,
115.9483, 137.7564

■ 4.5265, 4.7009,
6.5539

140.2002,
146.8980, 173.3918

■ 2.0041, 2.0729,
3.1106

174.5256,
182.9165, 214.6967

■ 0.6363, 0.6493,
1.1514

214.0409,

■ 0.0000, 0.0000,

224.3883, 262.0898

0.0000

259.1112,
271.6977, 315.9896

■ 33.6318, 35.1498,
43.5401

■ 33.6318, 35.1498,
43.5401

■ 28.4882, 29.4335,
42.7084

■ 39.4626, 41.5476,
44.4682

■ 24.0028, 24.3715,
41.9677

■ 46.0018, 48.6443,
45.4934

■ 20.1491, 19.9409,
41.3156

■ 53.2737, 56.4621,
46.6191

■ 16.8978, 16.1160,
40.7487

■ 61.3005, 65.0209,
47.8480

■ 14.2169, 12.8691,
40.2633

■ 70.1032, 74.3399,
49.1828

■ 12.0713, 10.1704,
39.8555

■ 78.3645, 83.7478,
50.5633

■ 10.4219, 7.9869,
39.5210

■ 82.0862, 91.1911,
51.8039

■ 9.2237, 6.2816,
39.2550

■ 84.3508, 95.7203,
52.5587

■ 8.4003, 5.0003,
39.0510

Harmonies

Analogous

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



32.7257, 35.1498, 43.1521



33.6318, 35.1498, 43.5401



34.4935, 35.1498, 42.4656

Triad

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



33.6318, 35.1498, 43.5401



34.8426, 35.1498, 35.2803



31.7991, 35.1498, 36.3360

Complementary

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



33.6318, 35.1498, 43.5401



36.6142, 38.6954, 36.9923

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.



32.3471, 35.1498, 34.3643



33.6318, 35.1498, 43.5401



34.1014, 35.1498, 33.7747

Square

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



33.6318, 35.1498, 43.5401



35.2009, 35.1498, 37.6385



33.1868, 35.1498, 33.4472



31.6787, 35.1498, 38.9129

Rectangle

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



33.6318, 35.1498, 43.5401



34.9231, 35.1498, 41.0923



33.1868, 35.1498, 33.4472



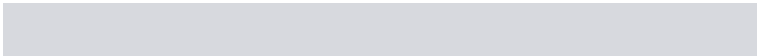
31.9390, 35.1498, 35.5841

Sweetspot

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



33.6328, 35.1513, 43.5409



66.0514, 69.3528, 78.9070



35.2258, 38.9751, 42.1051



14.5441, 15.2624, 17.5671



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



33.6328, 35.1513, 43.5409



57.8906, 60.3623, 77.6018



33.5875, 34.1144, 43.3431



7.7463, 8.0919, 10.1063



6.3050, 3.7438, 29.4348



0.2206, 0.1946, 0.8339

Inverse Universe

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



35.0290, 34.9737, 38.1638



61.0401, 59.9991, 65.4641



36.6595, 39.8241, 37.2078



8.0897, 8.0491, 8.7834



13.0461, 6.6810, 2.6222



0.3858, 0.1950, 0.1931

Previews

White Background



This preview shows how the XYZ color 33.6318, 35.1498, 43.5401 looks on a white background.

Color Contrast Check

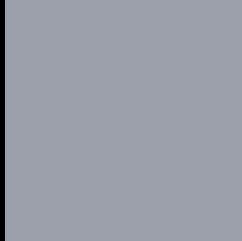
Large Text (above 18pt) WCAG AA × Fail

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 33.6318, 35.1498, 43.5401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

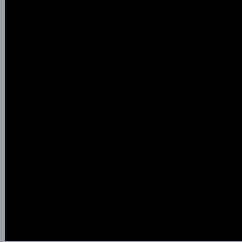
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.6318, 35.1498, 43.5401

Background



This preview shows how black text looks on a background with the XYZ color 33.6318, 35.1498, 43.5401.



This preview shows how white text looks on a background with the XYZ color 33.6318, 35.1498,

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

33.6318, 35.1498, 43.5401

Protanopia

34.1510, 35.1721, 43.0192

Deuteranopia

35.7453, 34.9673, 43.8951



Tritanopia

33.7275, 35.1881, 44.0441

Trichromacy



Original Color

33.6318, 35.1498, 43.5401

Protanomaly

33.9519, 35.0695, 43.0098

Deuteranomaly

35.0204, 35.0918, 43.9574

Tritanomaly

33.7275, 35.1881, 44.0441

Monochromacy



Original Color

33.6318, 35.1498, 43.5401

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.5697, 35.1929, 40.1455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6318, 35.1498, 43.5401 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, 160, 171)` looks like.

```
.text, #text, p{  
    color:rgb(156, 160, 171)  
}
```

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, 160, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 160, 171) }
```

Border

The CSS property to change the border of an element to XYZ 33.6318, 35.1498, 43.5401 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, 160, 171) }
```


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

```
.border{ border-color:rgb(156, 160, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 160, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 160, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 160, 171);  
box-shadow:4px 4px 4px 4px rgb(156, 160,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6318, 35.1498, 43.5401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 160, 171) }
```

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

```
.background{ background-color: rgb(156,  
160, 171) }
```

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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