

Converting Colors

XYZ(29.3767, 33.5234, 15.8360)

Have a look what the booklet for
XYZ(29.3767, 33.5234, 15.8360)
contains.

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Color

**XYZ(29.3343, 33.5449,
15.7552)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A05F
RGB	161, 160, 95
RGB Percent	63%, 63%, 37%
CMY	0.3686, 0.3725, 0.6274
CMYK	0.00, 0.01, 0.41, 0.37
HSL	59°, 26%, 50%
HSV	59°, 41%, 63%
XYZ	29.3343, 33.5449, 15.7552
YIQ	152.8890, 21.4610, -20.0030

Conversions

Conversions Part 2

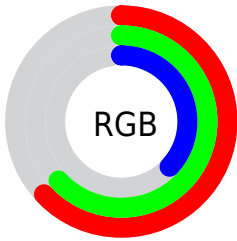
Format	Color
RYB	96, 161, 95
Decimal	10592351
CIELab	64.60, -9.52, 33.97
CIElCh	65, 35.274, 105.652
Yxy	33.5449, 0.3730, 0.4266
Android (android.graphics.Color)	4288782431 (0xFFA1A05F)
YUV	152.8890, -28.5393, 7.1133
Hunter-Lab	57.9180, -10.9497, 24.4141

Details

The XYZ color **29.3343, 33.5449, 15.7552** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.3352, 13.3715, 35.4909**, and the grayscale version is **30.3444, 31.9246, 34.7659**.

A 20% lighter version of the original color is **58.1822, 65.4592, 37.1721**, and **12.1661, 14.3307, 4.8142** is the 20% darker color. If you saturate the color by 10%, you get **28.6351, 33.1991, 12.2773**, and if you desaturate by 10%, it is **30.1865, 33.9544, 20.0312**.

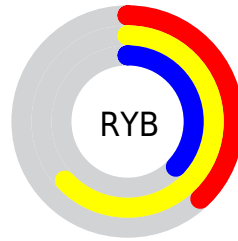
Distribution



Red (63%)

Green (63%)

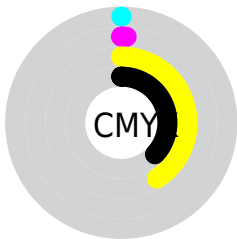
Blue (37%)



Red (38%)

Yellow (63%)

Blue (37%)

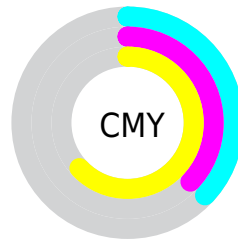


Cyan (0%)

Magenta (1%)

Yellow (41%)

Black (37%)



Cyan (37%)


Magenta (37%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.3343, 33.5449, 15.7552 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 29.3343, 33.5449, 15.7552 by changing the saturation by 10% instead.


 29.3343, 33.5449,
15.7552


 29.3343, 33.5449,
15.7552


290.7549,
318.0980, 239.6890


 19.4794, 22.5442,
9.1986


 58.0017, 65.2253,
36.9336

 12.1233, 14.2573,
4.7724


 77.5449, 86.6738,
52.3924

 6.9005, 8.2998,
2.0579


 101.0483,
112.3737, 71.6558

 3.4457, 4.2874,
0.5906

 128.8772,
142.7094, 95.1422

 1.3936, 1.8356,
0.0000

161.3969,
178.0653, 123.2702

 0.2517, 0.5092,
0.0000

198.9729,

 0.0000, 0.0000,

218.8258, 156.4583

0.0000

241.9704,
265.3752, 195.1250

■ 29.3343, 33.5449,
15.7552

■ 29.3343, 33.5449,
15.7552

■ 28.6351, 33.1991,
12.2773

■ 30.1865, 33.9544,
20.0312

■ 28.0771, 32.9087,
9.5459

■ 31.1978, 34.4265,
25.1484

■ 27.6506, 32.6711,
7.5067

■ 32.3770, 34.9659,
31.1493

■ 27.3438, 32.4815,
6.0974

■ 33.7315, 35.5755,
38.0729

■ 27.1427, 32.3343,
5.2441

■ 35.2683, 36.2582,
45.9560

■ 27.0225, 32.2261,
4.7960

■ 36.9940, 37.0166,
54.8333

■ 38.9147, 37.8531,
64.7377

■ 41.0366, 38.7702,
75.7007

■ 43.3654, 39.7702,
87.7524

Harmonies

Analogous

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



34.3511, 33.5449, 15.6618



29.3343, 33.5449, 15.7552



25.4305, 33.5449, 20.3282

Triad

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



29.3343, 33.5449, 15.7552



25.5652, 33.5449, 60.2436



42.2482, 33.5449, 43.8597

Complementary

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



29.3343, 33.5449, 15.7552



15.3352, 13.3715, 35.4909

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.



39.3449, 33.5449, 59.6205



29.3343, 33.5449, 15.7552



29.5369, 33.5449, 70.6408

Square

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



29.3343, 33.5449, 15.7552



23.4163, 33.5449, 44.5545



34.5761, 33.5449, 70.3866



42.1791, 33.5449, 29.5227

Rectangle

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



29.3343, 33.5449, 15.7552



23.8286, 33.5449, 26.2160



34.5761, 33.5449, 70.3866



41.5752, 33.5449, 49.2334

Sweetspot

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



29.3351, 33.5464, 15.7559



57.7076, 62.4953, 54.3731



20.9063, 16.6082, 13.1948



12.5983, 13.6798, 11.6299



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



29.3351, 33.5464, 15.7559



51.4052, 59.5187, 22.5900



23.8791, 30.9910, 15.5502



7.6402, 8.2188, 7.5638



21.5849, 25.7438, 3.8314



0.4562, 0.5463, 0.0814

Inverse Universe

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



15.3352, 13.3715, 35.4909



22.9236, 18.4765, 62.7447



19.2630, 15.2624, 35.6488



6.7086, 6.8763, 8.8767



5.1617, 2.1027, 27.0636



0.1109, 0.0490, 0.5695

Previews

White Background



This preview shows how the XYZ color 29.3343, 33.5449, 15.7552 looks on a white background.

Color Contrast Check

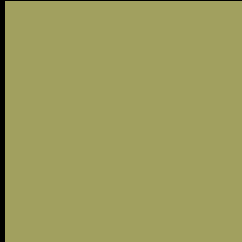
Large Text (above 18pt) WCAG AA × Fail

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 29.3343, 33.5449, 15.7552 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

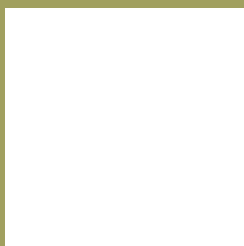
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.3343, 33.5449, 15.7552

Background



This preview shows how black text looks on a background with the XYZ color 29.3343, 33.5449, 15.7552.



This preview shows how white text looks on a background with the XYZ color 29.3343, 33.5449,

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

29.3343, 33.5449, 15.7552

Protanopia

30.8719, 33.5800, 15.4441

Deuteranopia

34.0503, 33.4946, 15.9797



Tritanopia

34.2913, 33.5718, 39.7946

Trichromacy



Original Color

29.3343, 33.5449, 15.7552

Protanomaly

30.1836, 33.4774, 15.4606

Deuteranomaly

32.2573, 33.5394, 15.8399

Tritanomaly

32.1074, 33.4138, 29.1834

Monochromacy



Original Color

29.3343, 33.5449, 15.7552

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.7636, 32.5108, 26.5363

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3343, 33.5449, 15.7552 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, 160, 95)` looks like.

```
.text, #text, p{  
    color:rgb(161, 160, 95)  
}
```

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, 160, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 160, 95) }
```

Border

The CSS property to change the border of an element to XYZ 29.3343, 33.5449, 15.7552 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, 160, 95) }
```


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

```
.border{ border-color:rgb(161, 160, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 160, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 160, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 160, 95);  
box-shadow:4px 4px 4px 4px rgb(161, 160,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3343, 33.5449, 15.7552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 160, 95) }
```

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

```
.background{ background-color: rgb(161,  
160, 95) }
```

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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