

Converting Colors

XYZ(32.3174, 34.9361, 30.6215)

Have a look what the booklet for
XYZ(32.3174, 34.9361, 30.6215)
contains.

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Color

**XYZ(32.3253, 35.0198,
30.6470)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A18E
RGB	161, 161, 142
RGB Percent	63%, 63%, 56%
CMY	0.3686, 0.3686, 0.4431
CMYK	0.00, 0.00, 0.12, 0.37
HSL	60°, 9%, 59%
HSV	60°, 12%, 63%
XYZ	32.3253, 35.0198, 30.6470
YIQ	158.8340, 6.0990, -5.9090

Conversions

Conversions Part 2

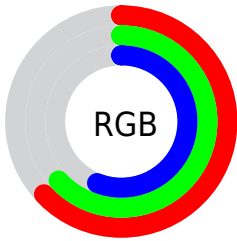
Format	Color
RYB	142, 161, 142
Decimal	10592654
CIELab	65.76, -3.42, 9.90
CIELCh	66, 10.476, 109.061
Yxy	35.0198, 0.3299, 0.3574
Android (android.graphics.Color)	4288782734 (0xFFA1A18E)
YUV	158.8340, -8.2992, 1.8996
Hunter-Lab	59.1775, -6.0563, 10.7190

Details

The XYZ color **32.3253, 35.0198, 30.6470** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.2627, 27.6710, 37.6242**, and the grayscale version is **32.9144, 34.6285, 37.7104**.

A 20% lighter version of the original color is **62.8386, 67.6962, 61.9793**, and **13.8144, 15.1758, 12.3263** is the 20% darker color. If you saturate the color by 10%, you get **31.2026, 34.5718, 24.7337**, and if you desaturate by 10%, it is **33.6246, 35.5407, 37.4816**.

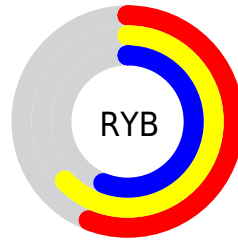
Distribution



Red (63%)

Green (63%)

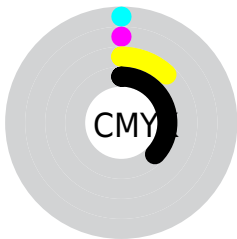
Blue (56%)



Red (56%)

Yellow (63%)

Blue (56%)

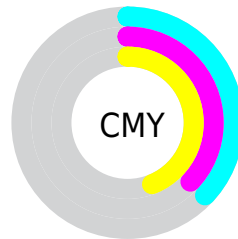


Cyan (0%)

Magenta (0%)

Yellow (12%)

Black (37%)



Cyan (37%)

Magenta (37%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.3253, 35.0198, 30.6470 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 32.3253, 35.0198, 30.6470 by changing the saturation by 10% instead.

■ 32.3253, 35.0198,
30.6470

■ 32.3253, 35.0198,
30.6470

304.3175,
324.6557, 319.2094

■ 21.7668, 23.6781,
20.0740

■ 62.6825, 67.5164,
61.7569

■ 13.8013, 15.0950,
12.2642

■ 83.2119, 89.4402,
83.1309

■ 8.0634, 8.8861,
6.7992

■ 107.7957,
115.6601, 108.9423

■ 4.1877, 4.6670,
3.2603

136.7992,
146.5606, 139.6097

■ 1.8089, 2.0532,
1.2290

170.5877,
182.5260, 175.5515

■ 0.5230, 0.6381,
0.0025

209.5267,

■ 0.0000, 0.0000,

223.9407, 217.1864

0.0000

253.9815,
271.1891, 264.9329

■ 32.3253, 35.0198,
30.6470

■ 32.3253, 35.0198,
30.6470

■ 31.2026, 34.5718,
24.7337

■ 33.6246, 35.5407,
37.4816

■ 30.2461, 34.1891,
19.7000

■ 35.1045, 36.1328,
45.2720

■ 29.4489, 33.8702,
15.5047

■ 36.7728, 36.8002,
54.0538

■ 28.8022, 33.6114,
12.1023

■ 38.6356, 37.5454,
63.8602

■ 28.2966, 33.4091,
9.4429

■ 40.6990, 38.3708,
74.7228

■ 27.9215, 33.2590,
7.4711

■ 42.9687, 39.2787,
86.6717

■ 27.6651, 33.1564,
6.1236

■ 45.4502, 40.2714,
99.7360

■ 27.5129, 33.0955,
5.3255

■ 45.4983, 40.2907,
99.9866

■ 27.4385, 33.0656,
4.9361

■ 45.4989, 40.2910,
99.9866

Harmonies

Analogous

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



33.8517, 35.0198, 30.3784



32.3253, 35.0198, 30.6470



31.0930, 35.0198, 32.8272

Triad

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



32.3253, 35.0198, 30.6470



31.3779, 35.0198, 44.9194



36.2855, 35.0198, 39.7666

Complementary

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



32.3253, 35.0198, 30.6470



27.2627, 27.6710, 37.6242

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.



35.5782, 35.0198, 43.9765



32.3253, 35.0198, 30.6470



32.7252, 35.0198, 47.1008

Square

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



32.3253, 35.0198, 30.6470



30.5579, 35.0198, 40.9747



34.2641, 35.0198, 46.7429



36.1703, 35.0198, 35.4213

Rectangle

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



32.3253, 35.0198, 30.6470



30.5893, 35.0198, 35.1726



34.2641, 35.0198, 46.7429



36.1352, 35.0198, 41.2500

Sweetspot

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



32.3262, 35.0213, 30.6478



59.6590, 63.4243, 64.1934



29.2546, 28.8769, 29.6237



13.0463, 13.8948, 13.8797



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.



32.3262, 35.0213, 30.6478



57.3668, 62.5073, 52.1287



30.4842, 34.0717, 30.5615



7.6493, 8.2372, 7.5669



21.9132, 26.4071, 3.9421



0.4605, 0.5549, 0.0828

Inverse Universe

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



27.2627, 27.6710, 37.6242



46.5903, 46.8638, 66.9766



28.9626, 28.5473, 37.7038



6.7006, 6.8600, 8.8740



5.1382, 2.0553, 27.0557



0.1080, 0.0432, 0.5685

Previews

White Background



This preview shows how the XYZ color 32.3253, 35.0198, 30.6470 looks on a white background.

Color Contrast Check

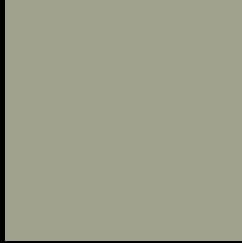
Large Text (above 18pt) WCAG AA × Fail

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 32.3253, 35.0198, 30.6470 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

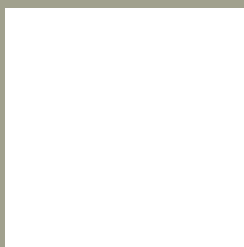
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.3253, 35.0198, 30.6470

Background



This preview shows how black text looks on a background with the XYZ color 32.3253, 35.0198, 30.6470.



This preview shows how white text looks on a background with the XYZ color 32.3253, 35.0198,

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

32.3253, 35.0198, 30.6470

Protanopia

33.1422, 34.9349, 30.1956

Deuteranopia

35.5696, 34.9181, 30.8518



Tritanopia

34.7355, 34.9778, 42.4568

Trichromacy



Original Color

32.3253, 35.0198, 30.6470

Protanomaly

32.8956, 35.0640, 30.2336

Deuteranomaly

34.4705, 35.0958, 30.9440

Tritanomaly

33.7947, 34.8494, 37.7463

Monochromacy



Original Color

32.3253, 35.0198, 30.6470

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

32.8178, 34.9151, 35.1466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3253, 35.0198, 30.6470 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, 161, 142)` looks like.

```
.text, #text, p{  
    color:rgb(161, 161, 142)  
}
```

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, 161, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 161, 142) }
```

Border

The CSS property to change the border of an element to XYZ 32.3253, 35.0198, 30.6470 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, 161, 142) }
```


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

```
.border{ border-color:rgb(161, 161, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 161, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(161, 161, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(161, 161, 142); box-shadow:4px 4px 4px 4px rgb(161, 161, 142) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3253, 35.0198, 30.6470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 161, 142) }
```

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

```
.background{ background-color: rgb(161,  
161, 142) }
```

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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