

Converting Colors

XYZ(38.3453, 41.9344, 32.8612)

Have a look what the booklet for
XYZ(38.3453, 41.9344, 32.8612)
contains.

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Color

**XYZ(38.3453, 41.9344,
32.8612)**

Conversions

Conversions Part 1

Format	Color
Hex	B0AF91
RGB	176, 175, 145
RGB Percent	69%, 69%, 57%
CMY	0.3098, 0.3137, 0.4314
CMYK	0.00, 0.01, 0.18, 0.31
HSL	58°, 16%, 63%
HSV	58°, 18%, 69%
XYZ	38.3453, 41.9344, 32.8612
YIQ	171.8790, 10.2260, -9.1180

Conversions

Conversions Part 2

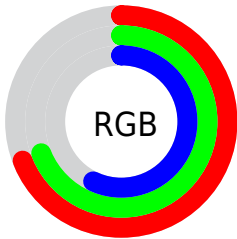
Format	Color
R_{YB}	146, 176, 145
Decimal	11579281
CIE _{Lab}	70.83, -4.79, 15.55
CIE _{LCh}	71, 16.268, 107.139
Yxy	41.9344, 0.3389, 0.3706
Android (android.graphics.Color)	4289769361 (0xFFB0AF91)
YUV	171.8790, -13.2513, 3.6141
Hunter-Lab	64.7568, -7.6268, 15.2427

Details

The XYZ color **38.3453, 41.9344, 32.8612** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.7923, 29.7115, 45.2392**, and the grayscale version is **39.2137, 41.2559, 44.9276**.

A 20% lighter version of the original color is **71.8843, 77.8730, 65.2751**, and **17.2717, 19.1850, 13.3824** is the 20% darker color. If you saturate the color by 10%, you get **36.9826, 41.2150, 26.2222**, and if you desaturate by 10%, it is **39.9210, 42.7425, 40.6095**.

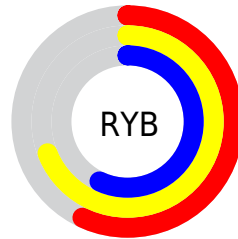
Distribution



Red (69%)

Green (69%)

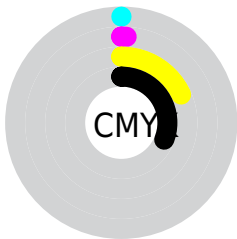
Blue (57%)



Red (57%)

Yellow (69%)

Blue (57%)

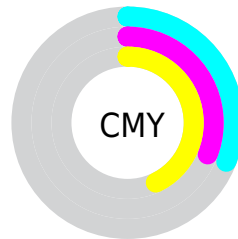


Cyan (0%)

Magenta (1%)

Yellow (18%)

Black (31%)



Cyan (31%)


Magenta (31%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3453, 41.9344, 32.8612 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 38.3453, 41.9344, 32.8612 by changing the saturation by 10% instead.


 38.3453, 41.9344,
32.8612


 38.3453, 41.9344,
32.8612


330.3542,
354.2109, 329.6366

 26.4292, 29.0499,
21.7499


 71.9376, 78.1003,
65.2723

 17.2794, 19.1186,
13.4767

 94.3445, 102.1506,
87.4091

 10.5304, 11.7560,
7.6230


120.9791,
130.6915, 114.0582

 5.8170, 6.5778,
3.7704

152.2066,
164.1076, 145.6382

 2.7737, 3.1995,
1.5003

188.3926,
202.7832, 182.5674

 1.0353, 1.2367,
0.2181

229.9023,

 0.0000, 0.0914,

247.1027, 225.2646

0.0000

277.1010,
297.4505, 274.1481

■ 0.0000, 0.0000,
0.0000

■ 38.3453, 41.9344,
32.8612

■ 38.3453, 41.9344,
32.8612

■ 36.9826, 41.2150,
26.2222

■ 39.9210, 42.7425,
40.6095

■ 35.8199, 40.5749,
20.6390

■ 41.7153, 43.6375,
49.5120

■ 34.8479, 40.0119,
16.0578

■ 43.7379, 44.6245,
59.6143

■ 34.0553, 39.5213,
12.4188

■ 45.9968, 45.7067,
70.9589

■ 33.4294, 39.0982,
9.6558

■ 48.4998, 46.8873,
83.5860

■ 32.9563, 38.7368,
7.6945

■ 51.2540, 48.1692,
97.5342

■ 32.6192, 38.4307,
6.4477

■ 52.0672, 48.6754,
101.2588

■ 32.3927, 38.1695,
5.7808

■ 52.1808, 48.9025,
101.2966

■ 32.3443, 38.1095,
5.6511

■ 52.2948, 49.1305,
101.3346

Harmonies

Analogous

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



41.0255, 41.9344, 32.6308



38.3453, 41.9344, 32.8612



36.1677, 41.9344, 36.2642

Triad

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



38.3453, 41.9344, 32.8612



36.4254, 41.9344, 57.4625



45.1422, 41.9344, 49.0535

Complementary

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



38.3453, 41.9344, 32.8612



29.7923, 29.7115, 45.2392

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.



43.7898, 41.9344, 56.5516



38.3453, 41.9344, 32.8612



38.7116, 41.9344, 61.7629

Square

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



38.3453, 41.9344, 32.8612



35.0942, 41.9344, 50.1879



41.4087, 41.9344, 61.4118



45.0332, 41.9344, 41.4119

Rectangle

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



38.3453, 41.9344, 32.8612



35.2574, 41.9344, 40.1172



41.4087, 41.9344, 61.4118



44.8410, 41.9344, 51.6899

Sweetspot

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



38.3464, 41.9363, 32.8621



73.1867, 77.9150, 77.5286



33.2212, 31.5578, 31.5486



15.8141, 16.8620, 16.5709



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



38.3464, 41.9363, 32.8621



68.5748, 75.5493, 54.8485



35.4422, 40.7279, 32.7819



9.1732, 9.8589, 9.0720



23.7400, 27.9786, 4.1492



0.7542, 0.8948, 0.1330

Inverse Universe

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



29.7923, 29.7115, 45.2392



50.2437, 49.3523, 81.3731



32.3531, 30.8047, 45.3152



8.0631, 8.2724, 10.6781



5.8031, 2.4066, 30.2957



0.1898, 0.0901, 0.9556

Previews

White Background



This preview shows how the XYZ color 38.3453, 41.9344, 32.8612 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 38.3453, 41.9344, 32.8612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

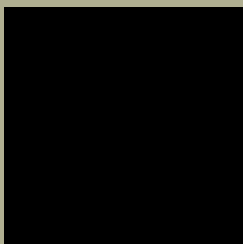
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

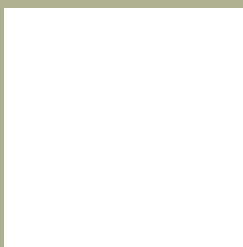
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.3453, 41.9344, 32.8612

Background



This preview shows how black text looks on a background with the XYZ color 38.3453, 41.9344, 32.8612.



This preview shows how white text looks on a background with the XYZ color 38.3453, 41.9344,

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

38.3453, 41.9344, 32.8612

Protanopia

39.5061, 41.9680, 32.4040

Deuteranopia

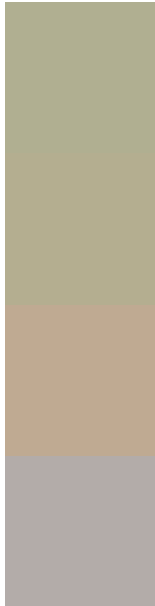
42.6384, 41.8861, 33.4413



Tritanopia

41.9780, 41.9921, 50.6926

Trichromacy



Original Color

38.3453, 41.9344, 32.8612

Protanomaly

38.9925, 41.9890, 32.4351

Deuteranomaly

41.0489, 41.9011, 33.1183

Tritanomaly

40.5044, 41.9533, 43.4991

Monochromacy



Original Color

38.3453, 41.9344, 32.8612

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.6987, 41.3800, 40.1299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3453, 41.9344, 32.8612 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(176, 175, 145)` looks like.

```
.text, #text, p{  
    color:rgb(176, 175, 145)  
}
```

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(176, 175, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 175, 145) }
```

Border

The CSS property to change the border of an element to XYZ 38.3453, 41.9344, 32.8612 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(176, 175, 145) }
```


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

```
.border{ border-color:rgb(176, 175, 145) }
```

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

Here you see how a box with a 4 pixel rgb(176, 175, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 175, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 175, 145);  
box-shadow:4px 4px 4px 4px rgb(176, 175,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3453, 41.9344, 32.8612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 175, 145) }
```

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

```
.background{ background-color: rgb(176,  
175, 145) }
```

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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