

Converting Colors

XYZ(36.4958, 37.7596, 32.1297)

Have a look what the booklet for
XYZ(36.4958, 37.7596, 32.1297)
contains.

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Color

**XYZ(36.3395, 37.5858,
32.1276)**

Conversions

Conversions Part 1

Format	Color
Hex	B1A391
RGB	177, 163, 145
RGB Percent	69%, 64%, 57%
CMY	0.3059, 0.3608, 0.4314
CMYK	0.00, 0.08, 0.18, 0.31
HSL	34°, 17%, 63%
HSV	34°, 18%, 69%
XYZ	36.3395, 37.5858, 32.1276
YIQ	165.1340, 14.1220, -2.6300

Conversions

Conversions Part 2

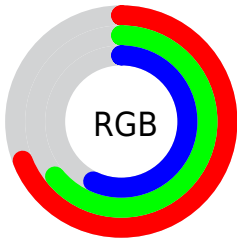
Format	Color
R_{YB}	170, 177, 145
Decimal	11641745
CIE _{Lab}	67.71, 2.06, 11.19
CIE _{LCh}	68, 11.375, 79.566
Yxy	37.5858, 0.3427, 0.3544
Android (android.graphics.Color)	4289831825 (0xFFB1A391)
YUV	165.1340, -9.9261, 10.4065
Hunter-Lab	61.3073, -1.4829, 11.8446

Details

The XYZ color **36.3395, 37.5858, 32.1276** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.0109, 33.9897, 46.4688**, and the grayscale version is **35.8707, 37.7387, 41.0975**.

A 20% lighter version of the original color is **68.9845, 71.5900, 64.2152**, and **16.0622, 16.4802, 13.1609** is the 20% darker color. If you saturate the color by 10%, you get **33.7471, 34.4175, 25.0464**, and if you desaturate by 10%, it is **39.2308, 41.0109, 40.3585**.

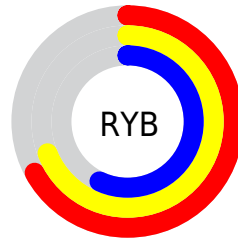
Distribution



Red (69%)

Green (64%)

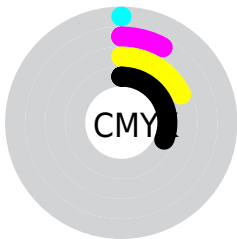
Blue (57%)



Red (67%)

Yellow (69%)

Blue (57%)

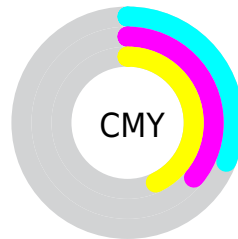


Cyan (0%)

Magenta (8%)

Yellow (18%)

Black (31%)



Cyan (31%)


Magenta (36%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.3395, 37.5858, 32.1276 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 36.3395, 37.5858, 32.1276 by changing the saturation by 10% instead.


 36.3395, 37.5858,
32.1276


 36.3395, 37.5858,
32.1276


321.8474,
335.8398, 326.2107

 24.8678, 25.6614,
21.1934

 68.8762, 71.4728,
64.1113

 16.1068, 16.5705,
13.0728

 90.6720, 94.2042,
85.9978

 9.6911, 9.9287,
7.3474


116.6398,
121.3067, 112.3722

 5.2553, 5.3517,
3.5986

147.1450,
153.1648, 143.6530

 2.4341, 2.4551,
1.4078

182.5531,
190.1627, 180.2587

 0.8622, 0.8540,
0.1478

223.2292,

 0.0000, 0.0000,

232.6849, 222.6078

0.0000

269.5389,
281.1158, 271.1190

■ 36.3395, 37.5858,
32.1276

■ 36.3395, 37.5858,
32.1276

■ 33.7471, 34.4175,
25.0464

■ 39.2308, 41.0109,
40.3585

■ 31.4392, 31.4940,
19.0602

■ 42.4285, 44.6943,
49.7854

■ 29.4048, 28.8097,
14.1136

■ 45.9438, 48.6439,
60.4553

■ 27.6307, 26.3568,
10.1452

■ 49.7862, 52.8659,
72.4115

■ 26.1024, 24.1269,
7.0872

■ 53.9649, 57.3661,
85.6956

■ 24.8038, 22.1109,
4.8627

■ 58.4885, 62.1499,
100.3471

■ 23.7164, 20.2986,
3.3824

■ 61.0455, 66.2950,
104.1865

■ 22.8106, 18.6754,
2.5001

■ 63.0906, 70.3851,
104.8682

■ 22.6487, 18.3814,
2.3542

■ 65.2305, 74.6650,
105.5815

Harmonies

Analogous

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



37.9604, 37.5858, 33.9930



36.3395, 37.5858, 32.1276



34.6047, 37.5858, 32.4681

Triad

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



36.3395, 37.5858, 32.1276



32.6345, 37.5858, 44.2510



38.3578, 37.5858, 47.5259

Complementary

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



36.3395, 37.5858, 32.1276



32.0109, 33.9897, 46.4688

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.



36.8676, 37.5858, 50.7349



36.3395, 37.5858, 32.1276



33.5776, 37.5858, 48.7396

Square

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



36.3395, 37.5858, 32.1276



32.5036, 37.5858, 39.1972



35.1158, 37.5858, 51.1964



39.1507, 37.5858, 42.7019

Rectangle

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



36.3395, 37.5858, 32.1276



33.6152, 37.5858, 33.9099



35.1158, 37.5858, 51.1964



37.9196, 37.5858, 48.8455

Sweetspot

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



36.3405, 37.5875, 32.1284



71.9161, 75.3738, 77.1050



34.5501, 32.1156, 37.3616



15.5024, 16.2385, 16.4670



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.



36.3405, 37.5875, 32.1284



63.0243, 64.8229, 51.8435



38.6025, 42.6493, 32.9862



8.8797, 9.2719, 8.9742



16.4709, 13.4404, 1.7261



0.5751, 0.5366, 0.0733

Inverse Universe

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



32.0109, 33.9897, 46.4688



53.7141, 57.0872, 82.6832



30.0227, 29.5918, 45.7247



8.3376, 8.8214, 10.7696



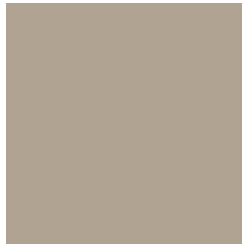
7.7523, 6.3049, 30.9454



0.3024, 0.3152, 0.9932

Previews

White Background



This preview shows how the XYZ color 36.3395, 37.5858, 32.1276 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 36.3395, 37.5858, 32.1276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

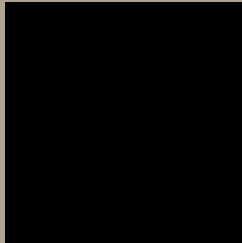
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.3395, 37.5858, 32.1276

Background



This preview shows how black text looks on a background with the XYZ color 36.3395, 37.5858, 32.1276.



This preview shows how white text looks on a background with the XYZ color 36.3395, 37.5858,

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

36.3395, 37.5858, 32.1276

Protanopia

35.4770, 37.3969, 32.5426

Deuteranopia

38.3255, 37.5630, 32.4245



Tritanopia

38.6669, 37.4781, 44.2258

Trichromacy



Original Color

36.3395, 37.5858, 32.1276

Protanomaly

35.9193, 37.6249, 32.5633

Deuteranomaly

37.5263, 37.4073, 32.4366

Tritanomaly

37.6828, 37.3340, 39.4025

Monochromacy



Original Color

36.3395, 37.5858, 32.1276

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.8092, 37.4546, 37.6899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3395, 37.5858, 32.1276 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(177, 163, 145)` looks like.

```
.text, #text, p{  
    color:rgb(177, 163, 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(177, 163, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 163, 145) }
```

Border

The CSS property to change the border of an element to XYZ 36.3395, 37.5858, 32.1276 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(177, 163, 145) }
```


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

```
.border{ border-color:rgb(177, 163, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 163, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 163, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 163, 145);  
box-shadow:4px 4px 4px 4px rgb(177, 163,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3395, 37.5858, 32.1276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 163, 145) }
```

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

```
.background{ background-color: rgb(177,  
163, 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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