

Converting Colors

XYZ(30.8044, 34.0429, 32.9861)

Have a look what the booklet for
XYZ(30.8044, 34.0429, 32.9861)
contains.

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Color

**XYZ(30.6786, 33.8590,
32.9355)**

Conversions

Conversions Part 1

Format	Color
Hex	97A094
RGB	151, 160, 148
RGB Percent	59%, 63%, 58%
CMY	0.4078, 0.3725, 0.4196
CMYK	0.06, 0.00, 0.08, 0.37
HSL	105°, 6%, 60%
HSV	105°, 8%, 63%
XYZ	30.6786, 33.8590, 32.9355
YIQ	155.9410, -1.5120, -5.6400

Conversions

Conversions Part 2

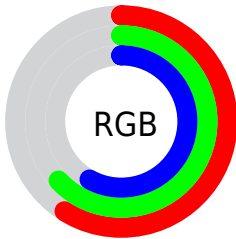
Format	Color
RYB	148, 160, 157
Decimal	9937044
CIELab	64.85, -5.51, 5.14
CIELCh	65, 7.539, 136.995
Yxy	33.8590, 0.3147, 0.3474
Android (android.graphics.Color)	4288127124 (0xFF97A094)
YUV	155.9410, -3.9149, -4.3333
Hunter-Lab	58.1885, -7.7197, 7.1730

Details

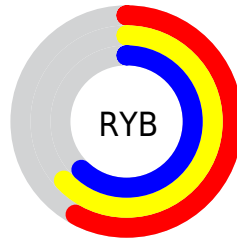
The XYZ color **30.6786, 33.8590, 32.9355** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.8410, 30.8869, 37.5957**, and the grayscale version is **31.5918, 33.2370, 36.1951**.

A 20% lighter version of the original color is **60.1379, 65.8443, 65.4167**, and **12.8818, 14.5097, 13.4310** is the 20% darker color. If you saturate the color by 10%, you get **27.3838, 32.2978, 26.6209**, and if you desaturate by 10%, it is **34.3772, 35.6101, 40.1843**.

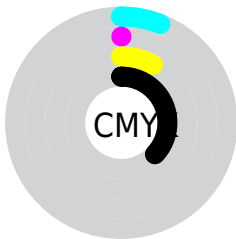
Distribution



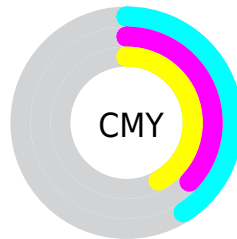
- Red (59%)
- Green (63%)
- Blue (58%)



- Red (58%)
- Yellow (63%)
- Blue (62%)



- Cyan (6%)
- Magenta (0%)
- Yellow (8%)
- Black (37%)



- Cyan (41%)
- Magenta (37%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6786, 33.8590, 32.9355 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 30.6786, 33.8590, 32.9355 by changing the saturation by 10% instead.

■ 30.6786, 33.8590,
32.9355

■ 30.6786, 33.8590,
32.9355

296.9083,
319.5029, 329.9821

■ 20.5049, 22.7853,
21.8063

■ 60.1130, 65.7143,
65.3897

■ 12.8729, 14.4351,
13.5177

■ 80.1044, 87.2648,
87.5517

■ 7.4175, 8.4239,
7.6511

104.0990,
113.0762, 114.2285

■ 3.7732, 4.3674,
3.7880

132.4622,
143.5331, 145.8386

■ 1.5746, 1.8811,
1.5098

165.5594,
179.0199, 182.8004

■ 0.3758, 0.5370,
0.2252

203.7559,

■ 0.0000, 0.0000,

219.9208, 225.5326

0.0000

247.4171,
266.6203, 274.4536

■ 30.6786, 33.8590,
32.9355

■ 30.6786, 33.8590,
32.9355

■ 27.3838, 32.2978,
26.6209

■ 34.3772, 35.6101,
40.1843

■ 24.4760, 30.9158,
21.2005

■ 38.4899, 37.5526,
48.4008

■ 21.9415, 29.7076,
16.6343

■ 43.0303, 39.6940,
57.6197

■ 19.7647, 28.6663,
12.8789

■ 48.0103, 42.0395,
67.8732

■ 17.9286, 27.7841,
9.8867

■ 53.4417, 44.5945,
79.1920

■ 16.4151, 27.0528,
7.6052

■ 59.3353, 47.3642,
91.6056

■ 15.2040, 26.4632,
5.9755

■ 64.8858, 50.0268,
100.8440

■ 14.2727, 26.0053,
4.9290

■ 68.9834, 52.1392,
101.0358

■ 13.5891, 25.6650,
4.3524

■ 71.8614, 53.6229,
101.1705

Harmonies

Analogous

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



31.5753, 33.8590, 31.4370



30.6786, 33.8590, 32.9355



30.1895, 33.8590, 35.5369

Triad

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



30.6786, 33.8590, 32.9355



31.7142, 33.8590, 43.0074



34.2210, 33.8590, 35.1458

Complementary

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



30.6786, 33.8590, 32.9355



30.8410, 30.8869, 37.5957

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.



34.2602, 33.8590, 38.2292



30.6786, 33.8590, 32.9355



32.7963, 33.8590, 42.8881

Square

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



30.6786, 33.8590, 32.9355



30.7783, 33.8590, 41.4163



33.7337, 33.8590, 41.0989



33.6277, 33.8590, 32.6631

Rectangle

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



30.6786, 33.8590, 32.9355



30.1531, 33.8590, 37.6000



33.7337, 33.8590, 41.0989



34.2999, 33.8590, 36.1430

Sweetspot

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



30.6795, 33.8605, 32.9362



59.2779, 63.1704, 66.7745



31.9008, 33.7271, 32.8461



13.0184, 13.8626, 14.6797



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.



30.6795, 33.8605, 32.9362



54.6517, 60.9801, 57.7663



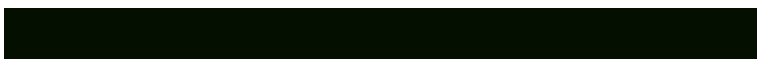
30.3705, 33.6733, 34.1779



6.6984, 7.4772, 7.0759



10.5093, 19.9544, 3.2977



0.2230, 0.3749, 0.0606

Inverse Universe

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



30.8410, 30.8869, 37.5957



55.0061, 54.4506, 67.9974



31.1741, 31.0886, 36.2573



6.7421, 6.6711, 8.3390



11.0194, 5.1097, 26.3127



0.2328, 0.1098, 0.4722

Previews

White Background



This preview shows how the XYZ color 30.6786, 33.8590, 32.9355 looks on a white background.

Color Contrast Check

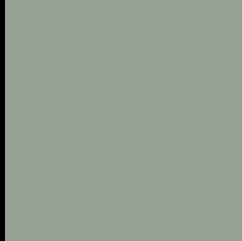
Large Text (above 18pt) WCAG AA × Fail

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 30.6786, 33.8590, 32.9355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

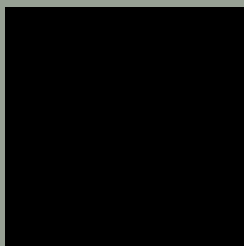
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

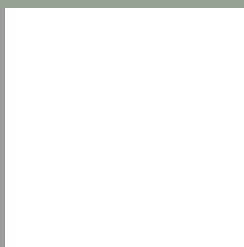
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.6786, 33.8590, 32.9355

Background



This preview shows how black text looks on a background with the XYZ color 30.6786, 33.8590, 32.9355.



This preview shows how white text looks on a background with the XYZ color 30.6786, 33.8590,

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

30.6786, 33.8590, 32.9355

Protanopia

32.3495, 33.9758, 32.0471

Deuteranopia

34.4125, 33.7724, 33.5592



Tritanopia

32.5448, 33.8485, 42.3542

Trichromacy



Original Color

30.6786, 33.8590, 32.9355

Protanomaly

31.7914, 33.9312, 32.4776

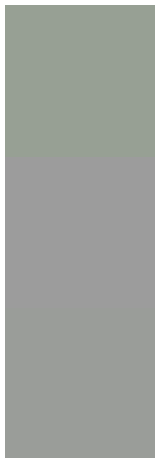
Deuteranomaly

32.8720, 33.7196, 33.2098

Tritanomaly

31.7968, 33.7992, 38.5662

Monochromacy



Original Color

30.6786, 33.8590, 32.9355

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.1332, 33.2839, 34.9205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6786, 33.8590, 32.9355 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(151, 160, 148)` looks like.

```
.text, #text, p{  
    color:rgb(151, 160, 148)  
}
```

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(151, 160, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 160, 148) }
```

Border

The CSS property to change the border of an element to XYZ 30.6786, 33.8590, 32.9355 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(151, 160, 148) }
```


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

```
.border{ border-color:rgb(151, 160, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 160, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 160, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 160, 148);  
box-shadow:4px 4px 4px 4px rgb(151, 160,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6786, 33.8590, 32.9355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 160, 148) }
```

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

```
.background{ background-color: rgb(151,  
160, 148) }
```

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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