

Converting Colors

XYZ(30.6877, 34.5579, 32.4275)

Have a look what the booklet for
XYZ(30.6877, 34.5579, 32.4275)
contains.

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Color

**XYZ(30.6799, 34.6593,
32.2670)**

Conversions

Conversions Part 1

Format	Color
Hex	95A392
RGB	149, 163, 146
RGB Percent	58%, 64%, 57%
CMY	0.4157, 0.3608, 0.4274
CMYK	0.09, 0.00, 0.10, 0.36
HSL	109°, 8%, 61%
HSV	109°, 10%, 64%
XYZ	30.6799, 34.6593, 32.2670
YIQ	156.8760, -2.8870, -8.2550

Conversions

Conversions Part 2

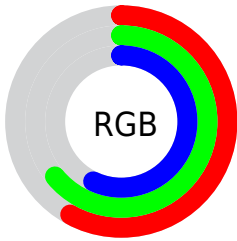
Format	Color
RYB	146, 163, 160
Decimal	9806738
CIELab	65.48, -8.23, 7.15
CIELCh	65, 10.902, 139.041
Yxy	34.6593, 0.3143, 0.3551
Android (android.graphics.Color)	4287996818 (0xFF95A392)
YUV	156.8760, -5.3619, -6.9073
Hunter-Lab	58.8721, -10.0050, 8.7145

Details

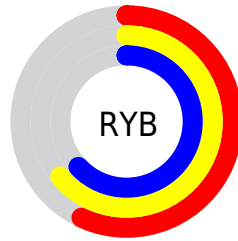
The XYZ color **30.6799, 34.6593, 32.2670** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.3884, 30.6767, 38.9190**, and the grayscale version is **32.0171, 33.6845, 36.6824**.

A 20% lighter version of the original color is **60.1253, 67.0094, 64.4088**, and **12.8328, 14.8101, 13.2486** is the 20% darker color. If you saturate the color by 10%, you get **27.1917, 32.9983, 25.9501**, and if you desaturate by 10%, it is **34.6332, 36.5412, 39.5509**.

Distribution



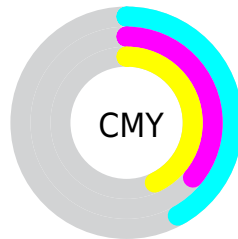
- Red (58%)
- Green (64%)
- Blue (57%)



- Red (57%)
- Yellow (64%)
- Blue (63%)



- Cyan (9%)
- Magenta (0%)
- Yellow (10%)
- Black (36%)



- Cyan (42%)
- Magenta (36%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6799, 34.6593, 32.2670 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 30.6799, 34.6593, 32.2670 by changing the saturation by 10% instead.

■ 30.6799, 34.6593,
32.2670

■ 30.6799, 34.6593,
32.2670

296.9142,
323.0619, 326.8639

■ 20.5059, 23.4005,
21.2990

■ 60.1150, 66.9576,
64.3322

■ 12.8737, 14.8895,
13.1494

■ 80.1068, 88.7660,
86.2665

■ 7.4180, 8.7419,
7.3996

104.1019,
114.8597, 112.6933

■ 3.7735, 4.5732,
3.6310

132.4656,
145.6231, 144.0311

■ 1.5748, 1.9991,
1.4252

165.5634,
181.4407, 180.6986

■ 0.3759, 0.6070,
0.1612

203.7605,

■ 0.0000, 0.0000,

222.6967, 223.1141

0.0000

247.4223,
269.7757, 271.6964

■ 30.6799, 34.6593,
32.2670

■ 30.6799, 34.6593,
32.2670

■ 27.1917, 32.9983,
25.9501

■ 34.6332, 36.5412,
39.5509

■ 24.1486, 31.5457,
20.5574

■ 39.0650, 38.6471,
47.8377

■ 21.5333, 30.2946,
16.0462

■ 43.9918, 40.9856,
57.1643

■ 19.3263, 29.2360,
12.3697

■ 49.4282, 43.5635,
67.5648

■ 17.5065, 28.3600,
9.4766

■ 55.3884, 46.3876,
79.0721

■ 16.0510, 27.6561,
7.3100

■ 61.8860, 49.4641,
91.7174

■ 14.9343, 27.1125,
5.8054

■ 68.1012, 52.4659,
101.1454

■ 14.1271, 26.7159,
4.8867

■ 72.3879, 54.6758,
101.3460

■ 13.5977, 26.4535,
4.3894

Harmonies

Analogous

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



31.9519, 34.6593, 30.0276



30.6799, 34.6593, 32.2670



30.0218, 34.6593, 36.0924

Triad

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



30.6799, 34.6593, 32.2670



32.3629, 34.6593, 47.0371



35.9283, 34.6593, 34.9439

Complementary

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



30.6799, 34.6593, 32.2670



31.3884, 30.6767, 38.9190

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.



36.0470, 34.6593, 39.4331



30.6799, 34.6593, 32.2670



33.9536, 34.6593, 46.6670

Square

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



30.6799, 34.6593, 32.2670



30.9724, 34.6593, 44.7691



35.3140, 34.6593, 43.7951



34.9947, 34.6593, 31.4847

Rectangle

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



30.6799, 34.6593, 32.2670



30.0050, 34.6593, 39.1355



35.3140, 34.6593, 43.7951



36.0660, 34.6593, 36.3743

Sweetspot

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



30.6809, 34.6608, 32.2678



60.0824, 64.5166, 67.2342



32.8447, 34.9647, 32.2124



13.3664, 14.4293, 14.8642



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.6809, 34.6608, 32.2678



53.1057, 61.1960, 54.4349



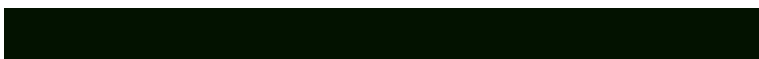
30.5694, 34.5538, 34.5009



7.0967, 7.9523, 7.5410



10.5959, 20.5729, 3.4125



0.2533, 0.4481, 0.0731

Inverse Universe

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



31.3884, 30.6767, 38.9190



54.6834, 52.3092, 69.2707



31.5230, 30.8006, 36.4601



7.2412, 7.1387, 8.8993



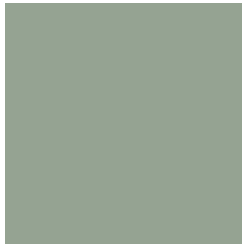
12.8432, 6.0274, 27.4163



0.3001, 0.1422, 0.5775

Previews

White Background



This preview shows how the XYZ color 30.6799, 34.6593, 32.2670 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 30.6799, 34.6593, 32.2670 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

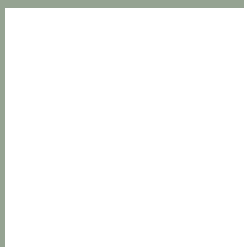
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.6799, 34.6593, 32.2670

Background



This preview shows how black text looks on a background with the XYZ color 30.6799, 34.6593, 32.2670.



This preview shows how white text looks on a background with the XYZ color 30.6799, 34.6593,

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

30.6799, 34.6593, 32.2670

Protanopia

32.7780, 34.4667, 31.3107

Deuteranopia

35.0966, 34.3856, 32.8043



Tritanopia

32.9814, 34.5471, 43.9597

Trichromacy



Original Color

30.6799, 34.6593, 32.2670

Protanomaly

31.9797, 34.5569, 31.7727

Deuteranomaly

33.2598, 34.4360, 32.4976

Tritanomaly

32.1306, 34.4614, 39.6086

Monochromacy



Original Color

30.6799, 34.6593, 32.2670

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.4743, 33.9662, 35.0343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6799, 34.6593, 32.2670 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(149, 163, 146)` looks like.

```
.text, #text, p{  
    color:rgb(149, 163, 146)  
}
```

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(149, 163, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 163, 146) }
```

Border

The CSS property to change the border of an element to XYZ 30.6799, 34.6593, 32.2670 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(149, 163, 146) }
```


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

```
.border{ border-color:rgb(149, 163, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 163, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 163, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 163, 146);  
box-shadow:4px 4px 4px 4px rgb(149, 163,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6799, 34.6593, 32.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 163, 146) }
```

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

```
.background{ background-color: rgb(149,  
163, 146) }
```

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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