

Converting Colors

XYZ(30.7994, 34.2880, 31.6609)

Have a look what the booklet for
XYZ(30.7994, 34.2880, 31.6609)
contains.

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Color

**XYZ(30.8046, 34.2095,
31.7676)**

Conversions

Conversions Part 1

Format	Color
Hex	98A191
RGB	152, 161, 145
RGB Percent	60%, 63%, 57%
CMY	0.4039, 0.3686, 0.4314
CMYK	0.06, 0.00, 0.10, 0.37
HSL	94°, 8%, 60%
HSV	94°, 10%, 63%
XYZ	30.8046, 34.2095, 31.7676
YIQ	156.4850, -0.2280, -6.8840

Conversions

Conversions Part 2

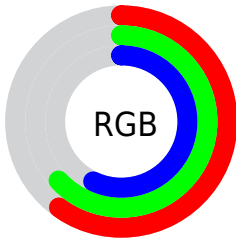
Format	Color
RYB	145, 161, 154
Decimal	10002833
CIELab	65.13, -6.24, 7.23
CIElCh	65, 9.550, 130.819
Yxy	34.2095, 0.3183, 0.3535
Android (android.graphics.Color)	4288192913 (0xFF98A191)
YUV	156.4850, -5.6621, -3.9333
Hunter-Lab	58.4889, -8.3442, 8.7395

Details

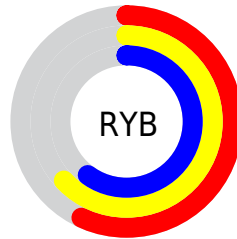
The XYZ color **30.8046, 34.2095, 31.7676** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.8863, 29.6950, 37.8766**, and the grayscale version is **31.8421, 33.5004, 36.4819**.

A 20% lighter version of the original color is **60.3183, 66.3571, 63.6619**, and **13.0083, 14.7448, 12.9869** is the 20% darker color. If you saturate the color by 10%, you get **28.0192, 32.9080, 25.6095**, and if you desaturate by 10%, it is **33.8974, 35.6511, 38.8600**.

Distribution



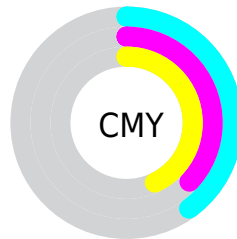
- Red (60%)
- Green (63%)
- Blue (57%)



- Red (57%)
- Yellow (63%)
- Blue (60%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (37%)



- Cyan (40%)
- Magenta (37%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8046, 34.2095, 31.7676 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 30.8046, 34.2095, 31.7676 by changing the saturation by 10% instead.

■ 30.8046, 34.2095,
31.7676

■ 30.8046, 34.2095,
31.7676

297.4801,
321.0652, 324.5193

■ 20.6012, 23.0546,
20.9207

■ 60.3102, 66.2593,
63.5403

■ 12.9436, 14.6338,
12.8754

■ 80.3432, 87.9230,
85.3031

■ 7.4665, 8.5628,
7.2131

104.3834,
113.8585, 111.5416

■ 3.8044, 4.4571,
3.5152

132.7961,
144.4500, 142.6745

■ 1.5921, 1.9324,
1.3634

165.9468,
180.0820, 179.1201

■ 0.3872, 0.5678,
0.1129

204.2008,

■ 0.0000, 0.0000,

221.1390, 221.2971

0.0000

247.9234,
268.0053, 269.6240

■ 30.8046, 34.2095,
31.7676

■ 30.8046, 34.2095,
31.7676

■ 28.0192, 32.9080,
25.6095

■ 33.8974, 35.6511,
38.8600

■ 25.5281, 31.7377,
20.3445

■ 37.3044, 37.2326,
46.9211

■ 23.3214, 30.6955,
15.9317

■ 41.0360, 38.9595,
55.9863

■ 21.3874, 29.7763,
12.3263

■ 45.1008, 40.8356,
66.0885

■ 19.7138, 28.9748,
9.4790

■ 49.5074, 42.8646,
77.2591

■ 18.2868, 28.2852,
7.3354

■ 54.2640, 45.0501,
89.5282

■ 17.0913, 27.7008,
5.8339

■ 58.9399, 47.2201,
100.6157

■ 16.1097, 27.2144,
4.9019

■ 61.6808, 48.6330,
100.7439

■ 15.3064, 26.8112,
4.3712

■ 64.5713, 50.1232,
100.8792

Harmonies

Analogous

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



32.0176, 34.2095, 30.2457



30.8046, 34.2095, 31.7676



30.0633, 34.2095, 34.7974

Triad

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



30.8046, 34.2095, 31.7676



31.6477, 34.2095, 44.9291



35.2026, 34.2095, 35.8345

Complementary

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



30.8046, 34.2095, 31.7676



29.8863, 29.6950, 37.8766

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.



35.0967, 34.2095, 39.8117



30.8046, 34.2095, 31.7676



33.0177, 34.2095, 45.2561

Square

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



30.8046, 34.2095, 31.7676



30.5404, 34.2095, 42.4615



34.2878, 34.2095, 43.3257



34.5732, 34.2095, 32.4803

Rectangle

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



30.8046, 34.2095, 31.7676



29.9234, 34.2095, 37.3575



34.2878, 34.2095, 43.3257



35.2523, 34.2095, 37.1394

Sweetspot

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



30.8055, 34.2110, 31.7683



58.9185, 63.0140, 65.4495



31.3328, 32.6680, 31.4427



12.8258, 13.7753, 14.1331



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.



30.8055, 34.2110, 31.7683



53.9789, 60.7109, 54.2252



29.5957, 33.5801, 32.0350



7.2658, 8.0395, 7.5489



12.2658, 21.4337, 3.4907



0.3116, 0.4781, 0.0759

Inverse Universe

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



29.8863, 29.6950, 37.8766



51.9848, 50.9155, 67.4743



31.1874, 30.3739, 37.5703



7.0638, 7.0472, 8.8910



8.5980, 3.8389, 27.2176



0.2337, 0.1080, 0.5744

Previews

White Background



This preview shows how the XYZ color 30.8046, 34.2095, 31.7676 looks on a white background.

Color Contrast Check

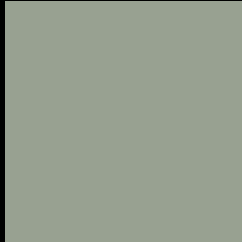
Large Text (above 18pt) WCAG AA × Fail

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 30.8046, 34.2095, 31.7676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

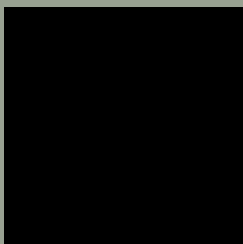
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

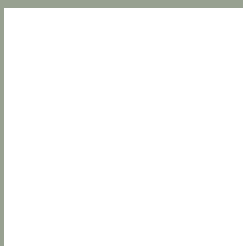
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.8046, 34.2095, 31.7676

Background



This preview shows how black text looks on a background with the XYZ color 30.8046, 34.2095, 31.7676.



This preview shows how white text looks on a background with the XYZ color 30.8046, 34.2095,

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

30.8046, 34.2095, 31.7676

Protanopia

32.3247, 33.9896, 30.8436

Deuteranopia

34.6262, 33.9102, 32.3241



Tritanopia

33.0230, 34.0841, 42.8686

Trichromacy



Original Color

30.8046, 34.2095, 31.7676

Protanomaly

31.7581, 33.9409, 31.2630

Deuteranomaly

33.0581, 33.8428, 31.9841

Tritanomaly

32.1775, 33.9955, 38.5841

Monochromacy



Original Color

30.8046, 34.2095, 31.7676

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.4119, 33.6893, 34.5529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8046, 34.2095, 31.7676 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(152, 161, 145)` looks like.

```
.text, #text, p{  
    color:rgb(152, 161, 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(152, 161, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 161, 145) }
```

Border

The CSS property to change the border of an element to XYZ 30.8046, 34.2095, 31.7676 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(152, 161, 145) }
```


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

```
.border{ border-color:rgb(152, 161, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 161, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 161, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 161, 145);  
box-shadow:4px 4px 4px 4px rgb(152, 161,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8046, 34.2095, 31.7676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 161, 145) }
```

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

```
.background{ background-color: rgb(152,  
161, 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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