

Converting Colors

XYZ(30.7143, 33.8945, 29.6340)

Have a look what the booklet for
XYZ(30.7143, 33.8945, 29.6340)
contains.

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Color

**XYZ(30.8220, 34.0036,
29.7498)**

Conversions

Conversions Part 1

Format	Color
Hex	9BA08C
RGB	155, 160, 140
RGB Percent	61%, 63%, 55%
CMY	0.3922, 0.3725, 0.4510
CMYK	0.03, 0.00, 0.13, 0.37
HSL	75°, 10%, 59%
HSV	75°, 13%, 63%
XYZ	30.8220, 34.0036, 29.7498
YIQ	156.2250, 3.4400, -7.2800

Conversions

Conversions Part 2

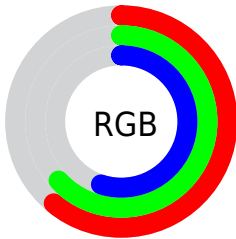
Format	Color
RYB	140, 160, 145
Decimal	10199180
CIELab	64.97, -5.48, 9.82
CIElCh	65, 11.240, 119.151
Yxy	34.0036, 0.3259, 0.3595
Android (android.graphics.Color)	4288389260 (0xFF9BA08C)
YUV	156.2250, -7.9989, -1.0743
Hunter-Lab	58.3126, -7.6982, 10.5704

Details

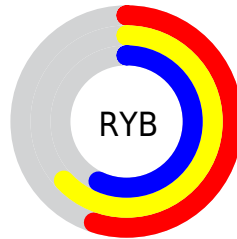
The XYZ color **30.8220, 34.0036, 29.7498** is a light color, and the websafe version is hex **999999**. A complement of this color would be **27.4016, 27.3149, 37.0876**, and the grayscale version is **31.7347, 33.3874, 36.3588**.

A 20% lighter version of the original color is **60.3325, 66.0512, 60.6082**, and **13.0230, 14.6185, 11.8081** is the 20% darker color. If you saturate the color by 10%, you get **28.9719, 33.1774, 23.9460**, and if you desaturate by 10%, it is **32.8710, 34.9145, 36.4599**.

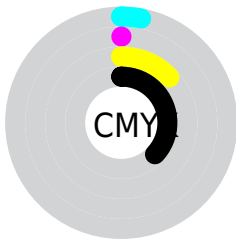
Distribution



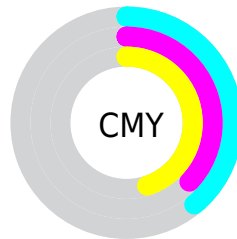
- Red (61%)
- Green (63%)
- Blue (55%)



- Red (55%)
- Yellow (63%)
- Blue (57%)



- Cyan (3%)
- Magenta (0%)
- Yellow (13%)
- Black (37%)



- Cyan (39%)
- Magenta (37%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8220, 34.0036, 29.7498 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 30.8220, 34.0036, 29.7498 by changing the saturation by 10% instead.

■ 30.8220, 34.0036,
29.7498

■ 30.8220, 34.0036,
29.7498

297.5590,
320.1481, 314.9074

■ 20.6145, 22.8964,
19.3983

■ 60.3375, 65.9393,
60.3226

■ 12.9534, 14.5170,
11.7787

■ 80.3762, 87.5365,
81.3810

■ 7.4732, 8.4811,
6.4725

■ 104.4226,
113.3992, 106.8454

■ 3.8087, 4.4043,
3.0611

132.8422,
143.9117, 137.1345

■ 1.5945, 1.9022,
1.1259

166.0003,
179.4584, 172.6667

■ 0.3888, 0.5497,
0.0000

204.2622,

■ 0.0000, 0.0000,

220.4238, 213.8605

0.0000

247.9933,
267.1923, 261.1346

■ 30.8220, 34.0036,
29.7498

■ 30.8220, 34.0036,
29.7498

■ 28.9719, 33.1774,
23.9460

■ 32.8710, 34.9145,
36.4599

■ 27.3103, 32.4284,
19.0074

■ 35.1233, 35.9086,
44.1106

■ 25.8300, 31.7548,
14.8932

■ 37.5866, 36.9901,
52.7371

■ 24.5222, 31.1531,
11.5581

■ 40.2674, 38.1616,
62.3721

■ 23.3772, 30.6193,
8.9529

■ 43.1718, 39.4257,
73.0469

■ 22.3844, 30.1492,
7.0224

■ 46.3057, 40.7845,
84.7913

■ 21.5315, 29.7378,
5.7037

■ 49.6748, 42.2406,
97.6339

■ 20.8040, 29.3793,
4.9221

■ 51.1191, 42.9299,
100.1998

■ 20.3149, 29.1349,
4.5529

■ 52.1121, 43.4418,
100.2462

Harmonies

Analogous

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



32.3657, 34.0036, 28.7823



30.8220, 34.0036, 29.7498



29.7119, 34.0036, 32.6248

Triad

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



30.8220, 34.0036, 29.7498



30.7444, 34.0036, 45.2453



35.5435, 34.0036, 37.1569

Complementary

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



30.8220, 34.0036, 29.7498



27.4016, 27.3149, 37.0876

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.



35.0752, 34.0036, 41.8022



30.8220, 34.0036, 29.7498



32.2731, 34.0036, 46.7059

Square

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



30.8220, 34.0036, 29.7498



29.6681, 34.0036, 41.5537



33.8645, 34.0036, 45.3970



35.1241, 34.0036, 32.8363

Rectangle

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



30.8220, 34.0036, 29.7498



29.3484, 34.0036, 35.3661



33.8645, 34.0036, 45.3970



35.4844, 34.0036, 38.7332

Sweetspot

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



30.8229, 34.0051, 29.7505



59.0709, 63.1212, 64.1659



29.3574, 29.6189, 28.9811



12.8948, 13.8167, 13.8726



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.



30.8229, 34.0051, 29.7505



54.9903, 61.3066, 50.9152



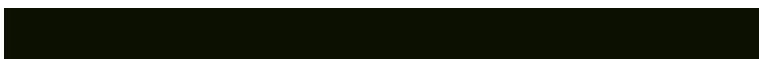
28.9826, 33.0564, 29.6644



7.0080, 7.6368, 7.0903



15.8658, 22.7159, 3.5484



0.3194, 0.4246, 0.0651

Inverse Universe

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



27.4016, 27.3149, 37.0876



47.5365, 46.7304, 66.9010



29.2420, 28.2636, 37.1737



6.4325, 6.5114, 8.3245



5.6605, 2.3471, 26.0619



0.1363, 0.0600, 0.4676

Previews

White Background



This preview shows how the XYZ color 30.8220, 34.0036, 29.7498 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 30.8220, 34.0036, 29.7498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

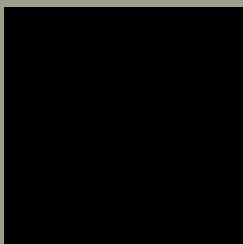
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.8220, 34.0036, 29.7498

Background



This preview shows how black text looks on a background with the XYZ color 30.8220, 34.0036, 29.7498.



This preview shows how white text looks on a background with the XYZ color 30.8220, 34.0036,

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

30.8220, 34.0036, 29.7498

Protanopia

32.1615, 33.9483, 28.9023

Deuteranopia

34.7011, 33.9932, 30.3236



Tritanopia

33.2544, 33.9750, 41.8509

Trichromacy



Original Color

30.8220, 34.0036, 29.7498

Protanomaly

31.5850, 33.8949, 29.3038

Deuteranomaly

33.1066, 33.9118, 30.0000

Tritanomaly

32.3291, 33.8517, 37.1779

Monochromacy



Original Color

30.8220, 34.0036, 29.7498

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.2723, 33.3839, 33.6497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8220, 34.0036, 29.7498 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(155, 160, 140)` looks like.

```
.text, #text, p{  
    color:rgb(155, 160, 140)  
}
```

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(155, 160, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 160, 140) }
```

Border

The CSS property to change the border of an element to XYZ 30.8220, 34.0036, 29.7498 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(155, 160, 140) }
```


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

```
.border{ border-color:rgb(155, 160, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 160, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 160, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 160, 140);  
box-shadow:4px 4px 4px 4px rgb(155, 160,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8220, 34.0036, 29.7498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 160, 140) }
```

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

```
.background{ background-color: rgb(155,  
160, 140) }
```

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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