

Converting Colors

XYZ(30.7386, 34.1156, 25.0333)

Have a look what the booklet for
XYZ(30.7386, 34.1156, 25.0333)
contains.

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Color

**XYZ(30.6996, 34.0448,
25.0319)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA07F
RGB	159, 160, 127
RGB Percent	62%, 63%, 50%
CMY	0.3765, 0.3725, 0.5020
CMYK	0.01, 0.00, 0.21, 0.37
HSL	62°, 15%, 56%
HSV	62°, 21%, 63%
XYZ	30.6996, 34.0448, 25.0319
YIQ	155.9390, 9.9970, -10.4750

Conversions

Conversions Part 2

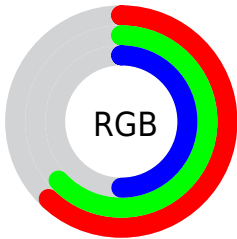
Format	Color
RYB	127, 160, 128
Decimal	10461311
CIELab	65.00, -6.07, 17.13
CIELCh	65, 18.176, 109.514
Yxy	34.0448, 0.3420, 0.3792
Android (android.graphics.Color)	4288651391 (0xFF9FA07F)
YUV	155.9390, -14.2669, 2.6845
Hunter-Lab	58.3479, -8.1916, 15.4075

Details

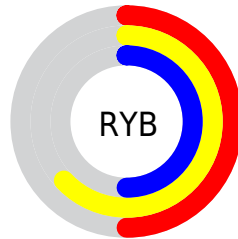
The XYZ color **30.6996, 34.0448, 25.0319** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.8379, 22.3069, 36.3615**, and the grayscale version is **31.6319, 33.2792, 36.2411**.

A 20% lighter version of the original color is **60.2702, 66.1923, 52.7798**, and **12.9072, 14.6131, 9.3481** is the 20% darker color. If you saturate the color by 10%, you get **29.6426, 33.6120, 19.9646**, and if you desaturate by 10%, it is **31.9244, 34.5470, 30.9729**.

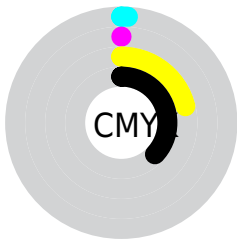
Distribution



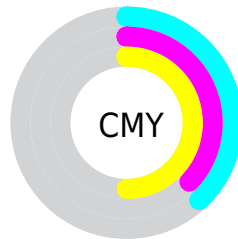
- Red (62%)
- Green (63%)
- Blue (50%)



- Red (50%)
- Yellow (63%)
- Blue (50%)



- Cyan (1%)
- Magenta (0%)
- Yellow (21%)
- Black (37%)



- Cyan (38%)
- Magenta (37%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6996, 34.0448, 25.0319 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 30.6996, 34.0448, 25.0319 by changing the saturation by 10% instead.

■ 30.6996, 34.0448,
25.0319

■ 30.6996, 34.0448,
25.0319

297.0036,
320.3318, 291.4495

■ 20.5209, 22.9280,
15.8816

■ 60.1459, 66.0033,
52.6737

■ 12.8847, 14.5404,
9.2870

■ 80.1442, 87.6139,
72.0023

■ 7.4257, 8.4974,
4.8295

■ 104.1464,
113.4911, 95.5608

■ 3.7784, 4.4149,
2.0906

132.5179,
144.0195, 123.7676

■ 1.5775, 1.9082,
0.6101

165.6240,
179.5833, 157.0413

■ 0.3777, 0.5533,
0.0000

203.8301,

■ 0.0000, 0.0000,

220.5670, 195.8006

0.0000

247.5015,
267.3551, 240.4638

■ 30.6996, 34.0448,
25.0319

■ 30.6996, 34.0448,
25.0319

■ 29.6426, 33.6120,
19.9646

■ 31.9244, 34.5470,
30.9729

■ 28.7430, 33.2411,
15.7278

■ 33.3216, 35.1171,
37.8239

■ 27.9931, 32.9301,
12.2779

■ 34.8990, 35.7594,
45.6216

■ 27.3838, 32.6754,
9.5663

■ 36.6630, 36.4763,
54.4002

■ 26.9049, 32.4729,
7.5391

■ 38.6199, 37.2703,
64.1920

■ 26.5447, 32.3179,
6.1352

■ 40.7754, 38.1439,
75.0281

■ 26.2896, 32.2050,
5.2825

■ 43.1352, 39.0993,
86.9380

■ 26.1155, 32.1252,
4.8244

■ 45.7039, 40.1383,
99.9463

■ 45.8037, 40.1897,
99.9510

Harmonies

Analogous

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



33.2871, 34.0448, 24.5808



30.6996, 34.0448, 25.0319



28.6650, 34.0448, 28.4436

Triad

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



30.6996, 34.0448, 25.0319



29.1870, 34.0448, 49.2027



37.5866, 34.0448, 39.7660

Complementary

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



30.6996, 34.0448, 25.0319



22.8379, 22.3069, 36.3615

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.



36.3565, 34.0448, 47.2826



30.6996, 34.0448, 25.0319



31.4475, 34.0448, 53.1999

Square

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



30.6996, 34.0448, 25.0319



27.8250, 34.0448, 42.1170



34.0762, 34.0448, 52.4532



37.3596, 34.0448, 32.4414

Rectangle

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



30.6996, 34.0448, 25.0319



27.8515, 34.0448, 32.2308



34.0762, 34.0448, 52.4532



37.3273, 34.0448, 42.3687

Sweetspot

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



30.7005, 34.0463, 25.0326



59.0669, 63.1751, 61.6366



25.9896, 24.3279, 23.4051



12.9213, 13.8418, 13.3566



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.



30.7005, 34.0463, 25.0326



54.7708, 61.4174, 40.7880



27.7218, 32.5108, 24.8932



7.1502, 7.7101, 7.0970



20.3495, 25.0273, 3.7582



0.3694, 0.4504, 0.0675

Inverse Universe

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



22.8379, 22.3069, 36.3615



37.7307, 35.9744, 65.3417



25.4459, 23.6513, 36.4836



6.3025, 6.4444, 8.3184



4.9971, 2.0051, 26.0309



0.0942, 0.0384, 0.4657

Previews

White Background



This preview shows how the XYZ color 30.6996, 34.0448, 25.0319 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 30.6996, 34.0448, 25.0319 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

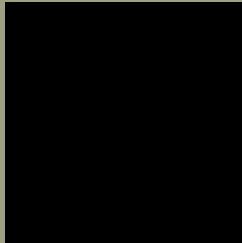
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

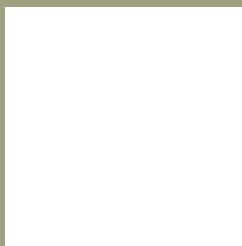
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.6996, 34.0448, 25.0319

Background



This preview shows how black text looks on a background with the XYZ color 30.6996, 34.0448, 25.0319.



This preview shows how white text looks on a background with the XYZ color 30.6996, 34.0448,

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

30.6996, 34.0448, 25.0319

Protanopia

31.7592, 33.8358, 24.5957

Deuteranopia

34.5575, 33.7855, 25.4688



Tritanopia

34.0062, 34.1252, 41.3537

Trichromacy



Original Color

30.6996, 34.0448, 25.0319

Protanomaly

31.3026, 33.8526, 24.6230

Deuteranomaly

32.9074, 33.6684, 25.1863

Tritanomaly

32.6248, 34.0623, 34.5609

Monochromacy



Original Color

30.6996, 34.0448, 25.0319

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.0724, 33.3264, 31.5830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6996, 34.0448, 25.0319 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(159, 160, 127)` looks like.

```
.text, #text, p{  
    color:rgb(159, 160, 127)  
}
```

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(159, 160, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 160, 127) }
```

Border

The CSS property to change the border of an element to XYZ 30.6996, 34.0448, 25.0319 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(159, 160, 127) }
```


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

```
.border{ border-color:rgb(159, 160, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 160, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 160, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 160, 127);  
box-shadow:4px 4px 4px 4px rgb(159, 160,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6996, 34.0448, 25.0319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 160, 127) }
```

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

```
.background{ background-color: rgb(159,  
160, 127) }
```

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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