

Converting Colors

XYZ(30.9924, 33.9319, 25.3381)

Have a look what the booklet for
XYZ(30.9924, 33.9319, 25.3381)
contains.

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Color

**XYZ(30.9924, 33.9319,
25.3381)**

Conversions

Conversions Part 1

Format	Color
Hex	A19F80
RGB	161, 159, 128
RGB Percent	63%, 62%, 50%
CMY	0.3686, 0.3765, 0.4980
CMYK	0.00, 0.01, 0.20, 0.37
HSL	56°, 15%, 57%
HSV	56°, 20%, 63%
XYZ	30.9924, 33.9319, 25.3381
YIQ	156.0640, 11.1430, -9.2170

Conversions

Conversions Part 2

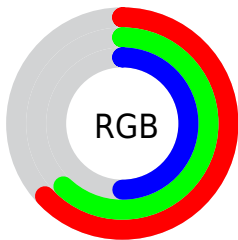
Format	Color
RYB	130, 161, 128
Decimal	10592128
CIELab	64.91, -4.60, 16.48
CIELCh	65, 17.109, 105.589
Yxy	33.9319, 0.3434, 0.3759
Android (android.graphics.Color)	4288782208 (0xFFA19F80)
YUV	156.0640, -13.8356, 4.3289
Hunter-Lab	58.2511, -6.9688, 14.9858

Details

The XYZ color **30.9924, 33.9319, 25.3381** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.3177, 23.1272, 36.9535**, and the grayscale version is **31.6856, 33.3357, 36.3026**.

A 20% lighter version of the original color is **60.7060, 66.0283, 53.2612**, and **13.0805, 14.5408, 9.5144** is the 20% darker color. If you saturate the color by 10%, you get **29.8492, 33.2088, 20.1372**, and if you desaturate by 10%, it is **32.3069, 34.7279, 31.4266**.

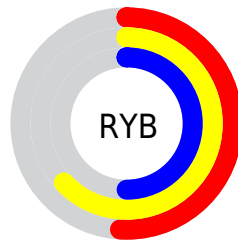
Distribution



Red (63%)

Green (62%)

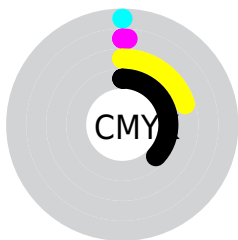
Blue (50%)



Red (51%)

Yellow (63%)

Blue (50%)

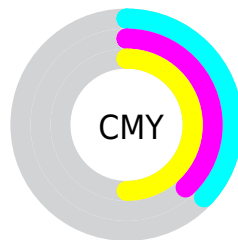


Cyan (0%)

Magenta (1%)

Yellow (20%)

Black (37%)



Cyan (37%)

Magenta (38%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9924, 33.9319, 25.3381 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 30.9924, 33.9319, 25.3381 by changing the saturation by 10% instead.

■ 30.9924, 33.9319,
25.3381

■ 30.9924, 33.9319,
25.3381

298.3308,
319.8283, 293.0189

■ 20.7449, 22.8413,
16.1078

■ 60.6040, 65.8278,
53.1761

■ 13.0490, 14.4764,
9.4453

■ 80.6988, 87.4018,
72.6209

■ 7.5395, 8.4527,
4.9320

■ 104.8068,
113.2391, 96.3076

■ 3.8511, 4.3860,
2.1494

133.2932,
143.7240, 124.6548

■ 1.6182, 1.8917,
0.6449

166.5234,
179.2410, 158.0810

■ 0.4042, 0.5434,
0.0000

204.8629,

■ 0.0000, 0.0000,

220.1745, 197.0047

0.0000

248.6769,
266.9088, 241.8445

■ 30.9924, 33.9319,
25.3381

■ 30.9924, 33.9319,
25.3381

■ 29.8492, 33.2088,
20.1372

■ 32.3069, 34.7279,
31.4266

■ 28.8667, 32.5510,
15.7799

■ 33.7974, 35.5953,
38.4394

■ 28.0373, 31.9565,
12.2222

■ 35.4717, 36.5383,
46.4139

■ 27.3515, 31.4215,
9.4146

■ 37.3365, 37.5597,
55.3847

■ 26.7991, 30.9420,
7.3026

■ 39.3980, 38.6618,
65.3846

■ 26.3682, 30.5132,
5.8241

■ 41.6621, 39.8471,
76.4450

■ 26.0450, 30.1295,
4.9061

■ 44.1346, 41.1180,
88.5961

■ 25.8067, 29.7944,
4.3907

■ 46.5294, 42.3599,
100.3316

■ 46.7083, 42.7175,
100.3913

Harmonies

Analogous

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



33.4470, 33.9319, 25.2819



30.9924, 33.9319, 25.3381



28.9780, 33.9319, 28.2261

Triad

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



30.9924, 33.9319, 25.3381



29.0423, 33.9319, 47.5324



37.0704, 33.9319, 40.4336

Complementary

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



30.9924, 33.9319, 25.3381



23.3177, 23.1272, 36.9535

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.



35.7622, 33.9319, 47.2990



30.9924, 33.9319, 25.3381



31.0843, 33.9319, 51.7383

Square

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



30.9924, 33.9319, 25.3381



27.8919, 33.9319, 40.7210



33.5437, 33.9319, 51.6477



37.0427, 33.9319, 33.4119

Rectangle

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



30.9924, 33.9319, 25.3381



28.1192, 33.9319, 31.6079



33.5437, 33.9319, 51.6477



36.7695, 33.9319, 42.8537

Sweetspot

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



30.9933, 33.9334, 25.3388



58.9889, 62.8589, 61.5797



26.4602, 24.6329, 24.5500



12.9026, 13.7657, 13.3429



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.



30.9933, 33.9334, 25.3388



54.4500, 60.1108, 40.5527



28.6204, 33.2239, 25.3269



7.6126, 8.1635, 7.5546



20.6217, 23.8172, 3.5103



0.4436, 0.5210, 0.0772

Inverse Universe

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



23.3177, 23.1272, 36.9535



37.9601, 36.8961, 65.5075



25.3595, 23.7894, 36.9737



6.7333, 6.9255, 8.8850



5.2333, 2.2460, 27.0875



0.1197, 0.0666, 0.5724

Previews

White Background



This preview shows how the XYZ color 30.9924, 33.9319, 25.3381 looks on a white background.

Color Contrast Check

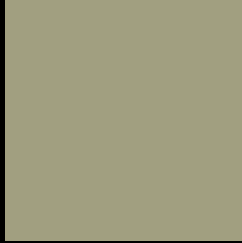
Large Text (above 18pt) WCAG AA × Fail

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 30.9924, 33.9319, 25.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

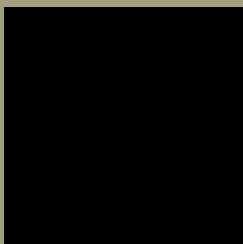
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

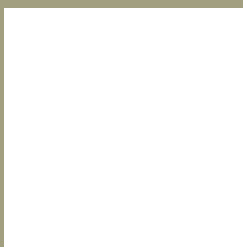
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.9924, 33.9319, 25.3381

Background



This preview shows how black text looks on a background with the XYZ color 30.9924, 33.9319, 25.3381.



This preview shows how white text looks on a background with the XYZ color 30.9924, 33.9319,

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

30.9924, 33.9319, 25.3381

Protanopia

31.8241, 33.8617, 24.9373

Deuteranopia

34.3873, 33.6900, 25.8095



Tritanopia

34.1644, 33.9714, 40.8329

Trichromacy



Original Color

30.9924, 33.9319, 25.3381

Protanomaly

31.5747, 33.9854, 24.9743

Deuteranomaly

32.9736, 33.6949, 25.5347

Tritanomaly

32.8658, 33.9364, 34.5239

Monochromacy



Original Color

30.9924, 33.9319, 25.3381

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.3458, 33.4584, 32.0001

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9924, 33.9319, 25.3381 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(161, 159, 128)` looks like.

```
.text, #text, p{  
    color:rgb(161, 159, 128)  
}
```

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(161, 159, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 159, 128) }
```

Border

The CSS property to change the border of an element to XYZ 30.9924, 33.9319, 25.3381 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(161, 159, 128) }
```


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

```
.border{ border-color:rgb(161, 159, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 159, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 159, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 159, 128);  
box-shadow:4px 4px 4px 4px rgb(161, 159,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9924, 33.9319, 25.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 159, 128) }
```

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

```
.background{ background-color: rgb(161,  
159, 128) }
```

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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