

Converting Colors

XYZ(32.0797, 36.2402, 26.7566)

Have a look what the booklet for
XYZ(32.0797, 36.2402, 26.7566)
contains.

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Color

**XYZ(32.0310, 36.2821,
26.7877)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA683
RGB	159, 166, 131
RGB Percent	62%, 65%, 51%
CMY	0.3765, 0.3490, 0.4863
CMYK	0.04, 0.00, 0.21, 0.35
HSL	72°, 16%, 58%
HSV	72°, 21%, 65%
XYZ	32.0310, 36.2821, 26.7877
YIQ	159.9170, 7.0630, -12.3690

Conversions

Conversions Part 2

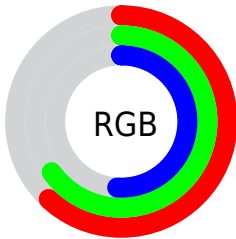
Format	Color
RYB	131, 166, 138
Decimal	10462851
CIELab	66.73, -8.67, 17.33
CIElCh	67, 19.373, 116.579
Yxy	36.2821, 0.3368, 0.3815
Android (android.graphics.Color)	4288652931 (0xFF9FA683)
YUV	159.9170, -14.2561, -0.8042
Hunter-Lab	60.2346, -10.4895, 15.7966

Details

The XYZ color **32.0310, 36.2821, 26.7877** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.4820, 24.3901, 39.4432**, and the grayscale version is **33.4375, 35.1789, 38.3098**.

A 20% lighter version of the original color is **62.2397, 69.4697, 55.4760**, and **13.5659, 15.7545, 10.1105** is the 20% darker color. If you saturate the color by 10%, you get **30.3453, 35.5339, 21.2989**, and if you desaturate by 10%, it is **33.9166, 37.1147, 33.2283**.

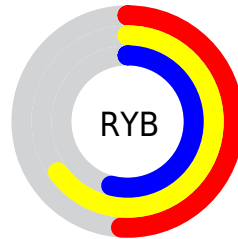
Distribution



Red (62%)

Green (65%)

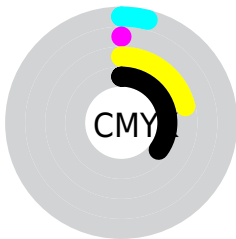
Blue (51%)



Red (51%)

Yellow (65%)

Blue (54%)

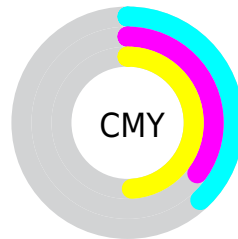


Cyan (4%)

Magenta (0%)

Yellow (21%)

Black (35%)



Cyan (38%)

Magenta (35%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.0310, 36.2821, 26.7877 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 32.0310, 36.2821, 26.7877 by changing the saturation by 10% instead.

■ 32.0310, 36.2821,
26.7877

■ 32.0310, 36.2821,
26.7877

303.0032,
330.1919, 300.3553

■ 21.5408, 24.6521,
17.1828

■ 62.2245, 69.4673,
55.5426

■ 13.6346, 15.8181,
10.2016

■ 82.6587, 91.7913,
75.5297

■ 7.9470, 9.3955,
5.4255

■ 107.1381,
118.4487, 99.8146

■ 4.1126, 5.0001,
2.4359

136.0283,
149.8240, 128.8159

■ 1.7660, 2.2473,
0.8059

169.6945,
186.3016, 162.9520

■ 0.4971, 0.7456,
0.0000

208.5022,

■ 0.0000, 0.0000,

228.2659, 202.6416

0.0000

252.8166,
276.1011, 248.3032

■ 32.0310, 36.2821,
26.7877

■ 32.0310, 36.2821,
26.7877

■ 30.3453, 35.5339,
21.2989

■ 33.9166, 37.1147,
33.2283

■ 28.8479, 34.8620,
16.7146

■ 36.0075, 38.0302,
40.6607

■ 27.5305, 34.2639,
12.9866

■ 38.3121, 39.0333,
49.1250

■ 26.3827, 33.7358,
10.0616

■ 40.8378, 40.1270,
58.6588

■ 25.3930, 33.2728,
7.8802

■ 43.5914, 41.3139,
69.2977

■ 24.5486, 32.8700,
6.3748

■ 46.5794, 42.5967,
81.0755

■ 23.8342, 32.5210,
5.4654

■ 49.8083, 43.9780,
94.0247

■ 23.2761, 32.2432,
4.9968

■ 51.8335, 44.8799,
100.5385

■ 52.6476, 45.2996,
100.5766

Harmonies

Analogous

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



34.8215, 36.2821, 25.5175



32.0310, 36.2821, 26.7877



30.0036, 36.2821, 31.2862

Triad

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



32.0310, 36.2821, 26.7877



31.4812, 36.2821, 54.5199



40.4050, 36.2821, 40.4734

Complementary

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



32.0310, 36.2821, 26.7877



25.4820, 24.3901, 39.4432

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.



39.3919, 36.2821, 49.0503



32.0310, 36.2821, 26.7877



34.1508, 36.2821, 57.8491

Square

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



32.0310, 36.2821, 26.7877



29.6990, 36.2821, 47.1534



37.0613, 36.2821, 55.7192



39.7595, 36.2821, 32.7320

Rectangle

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



32.0310, 36.2821, 26.7877



29.3021, 36.2821, 35.8856



37.0613, 36.2821, 55.7192



40.2458, 36.2821, 43.3600

Sweetspot

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



32.0320, 36.2837, 26.7885



63.3916, 68.1627, 66.7821



28.9124, 27.9238, 25.3393



14.1335, 15.2306, 14.7586



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



32.0320, 36.2837, 26.7885



56.7479, 65.2341, 44.0457



28.8040, 34.6196, 26.6374



7.9976, 8.6969, 8.0464



18.0869, 25.0214, 3.8763



0.4764, 0.6275, 0.0960

Inverse Universe

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



25.4820, 24.3901, 39.4432



42.8350, 39.9666, 70.9320



28.6143, 26.0048, 39.5898



7.2668, 7.3702, 9.4579



5.8611, 2.4049, 28.1308



0.1810, 0.0783, 0.6862

Previews

White Background



This preview shows how the XYZ color 32.0310, 36.2821, 26.7877 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 32.0310, 36.2821, 26.7877 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

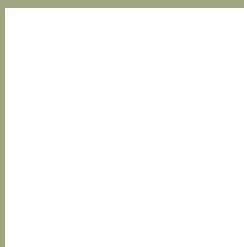
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.0310, 36.2821, 26.7877

Background



This preview shows how black text looks on a background with the XYZ color 32.0310, 36.2821, 26.7877.



This preview shows how white text looks on a background with the XYZ color 32.0310, 36.2821,

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

32.0310, 36.2821, 26.7877

Protanopia

33.8960, 36.1963, 25.9689

Deuteranopia

36.8611, 36.1618, 27.2274



Tritanopia

35.6307, 36.1581, 44.6364

Trichromacy



Original Color

32.0310, 36.2821, 26.7877

Protanomaly

33.0628, 36.0216, 26.3294

Deuteranomaly

34.8671, 36.1547, 26.9706

Tritanomaly

34.1961, 36.0958, 37.5126

Monochromacy



Original Color

32.0310, 36.2821, 26.7877

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.8424, 35.4842, 33.5519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0310, 36.2821, 26.7877 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, 166, 131)` looks like.

```
.text, #text, p{  
    color:rgb(159, 166, 131)  
}
```

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, 166, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 166, 131) }
```

Border

The CSS property to change the border of an element to XYZ 32.0310, 36.2821, 26.7877 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, 166, 131) }
```


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

```
.border{ border-color:rgb(159, 166, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 166, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 166, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 166, 131);  
box-shadow:4px 4px 4px 4px rgb(159, 166,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0310, 36.2821, 26.7877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 166, 131) }
```

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

```
.background{ background-color: rgb(159,  
166, 131) }
```

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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