

Converting Colors

XYZ(31.1082, 35.0637, 26.6357)

Have a look what the booklet for
XYZ(31.1082, 35.0637, 26.6357)
contains.

XYZ(31.0986, 35.0012, 26.5896)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(31.0986, 35.0012,
26.5896)**

Conversions

Conversions Part 1

Format	Color
Hex	9DA383
RGB	157, 163, 131
RGB Percent	62%, 64%, 51%
CMY	0.3843, 0.3608, 0.4863
CMYK	0.04, 0.00, 0.20, 0.36
HSL	71°, 15%, 58%
HSV	71°, 20%, 64%
XYZ	31.0986, 35.0012, 26.5896
YIQ	157.5580, 6.6960, -11.2240

Conversions

Conversions Part 2

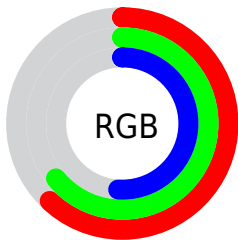
Format	Color
RYB	131, 163, 137
Decimal	10331011
CIELab	65.75, -7.83, 15.94
CIELCh	66, 17.757, 116.167
Yxy	35.0012, 0.3355, 0.3776
Android (android.graphics.Color)	4288521091 (0xFF9DA383)
YUV	157.5580, -13.0931, -0.4894
Hunter-Lab	59.1618, -9.7041, 14.7661

Details

The XYZ color **31.0986, 35.0012, 26.5896** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.0451, 24.1963, 38.0026**, and the grayscale version is **32.3553, 34.0403, 37.0699**.

A 20% lighter version of the original color is **60.8745, 67.6005, 55.1872**, and **12.9953, 14.9662, 9.9884** is the 20% darker color. If you saturate the color by 10%, you get **29.4908, 34.2912, 21.1942**, and if you desaturate by 10%, it is **32.8970, 35.7915, 32.9027**.

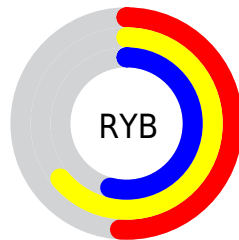
Distribution



Red (62%)

Green (64%)

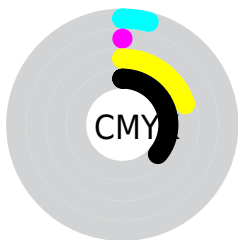
Blue (51%)



Red (51%)

Yellow (64%)

Blue (54%)

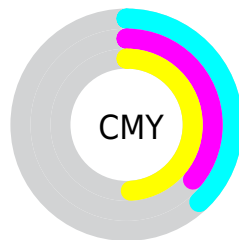


Cyan (4%)

Magenta (0%)

Yellow (20%)

Black (36%)



Cyan (38%)

Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0986, 35.0012, 26.5896 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 31.0986, 35.0012, 26.5896 by changing the saturation by 10% instead.

■ 31.0986, 35.0012,
26.5896

■ 31.0986, 35.0012,
26.5896

298.8111,
324.5736, 299.3616

■ 20.8261, 23.6638,
17.0355

■ 60.7701, 67.4876,
55.2203

■ 13.1087, 15.0844,
10.0976

■ 80.8998, 89.4054,
75.1340

■ 7.5810, 8.8787,
5.3573

■ 105.0459,
115.6189, 99.3381

■ 3.8775, 4.6621,
2.3960

133.5739,
146.5123, 128.2509

■ 1.6331, 2.0504,
0.7843

166.8491,
182.4700, 162.2912

■ 0.4138, 0.6365,
0.0000

205.2367,

■ 0.0000, 0.0000,

223.8766, 201.8773

0.0000

249.1023,
271.1163, 247.4279

■ 31.0986, 35.0012,
26.5896

■ 31.0986, 35.0012,
26.5896

■ 29.4908, 34.2912,
21.1942

■ 32.8970, 35.7915,
32.9027

■ 28.0627, 33.6536,
16.6714

■ 34.8910, 36.6606,
40.1712

■ 26.8063, 33.0864,
12.9761


■ 37.0886, 37.6130,
48.4333


■ 25.7119, 32.5857,
10.0579


■ 39.4969, 38.6513,
57.7246


■ 24.7688, 32.1471,
7.8609


■ 42.1221, 39.7782,
68.0788

 23.9650, 31.7660,
6.3219


 44.9707, 40.9963,
79.5282


 23.2862, 31.4365,
5.3667

 48.0485, 42.3078,
92.1035

 22.7013, 31.1462,
4.8325

 50.3127, 43.2957,
100.3129

 22.6804, 31.1358,
4.8144

 51.0401, 43.6706,
100.3469

Harmonies

Analogous

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



33.6049, 35.0012, 25.4698



31.0986, 35.0012, 26.5896



29.2623, 35.0012, 30.6403

Triad

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



31.0986, 35.0012, 26.5896



30.5453, 35.0012, 51.3707



38.5422, 35.0012, 39.0812

Complementary

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



31.0986, 35.0012, 26.5896



25.0451, 24.1963, 38.0026

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.



37.6226, 35.0012, 46.7055



31.0986, 35.0012, 26.5896



32.9326, 35.0012, 54.3639

Square

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



31.0986, 35.0012, 26.5896



28.9548, 35.0012, 44.8217



35.5352, 35.0012, 52.5545



37.9887, 35.0012, 32.1048

Rectangle

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



31.0986, 35.0012, 26.5896



28.6192, 35.0012, 34.7694



35.5352, 35.0012, 52.5545



38.3939, 35.0012, 41.6588

Sweetspot

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



31.0995, 35.0027, 26.5904



60.1295, 64.6278, 63.3083



28.1289, 27.2797, 25.2562



13.4567, 14.4941, 14.0445



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



31.0995, 35.0027, 26.5904



54.2662, 62.0537, 42.7682



28.2023, 33.5092, 26.4548



7.5186, 8.1698, 7.5607



17.6616, 24.2154, 3.7432



0.4029, 0.5252, 0.0801

Inverse Universe

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



25.0451, 24.1963, 38.0026



41.2194, 38.7633, 67.3657



27.8401, 25.6371, 38.1334



6.8187, 6.9209, 8.8796



5.5969, 2.2918, 27.0772



0.1499, 0.0648, 0.5705

Previews

White Background



This preview shows how the XYZ color 31.0986, 35.0012, 26.5896 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 31.0986, 35.0012, 26.5896 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

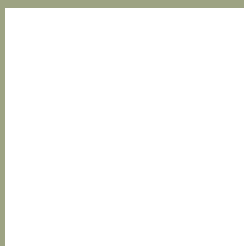
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.0986, 35.0012, 26.5896

Background



This preview shows how black text looks on a background with the XYZ color 31.0986, 35.0012, 26.5896.



This preview shows how white text looks on a background with the XYZ color 31.0986, 35.0012,

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

31.0986, 35.0012, 26.5896

Protanopia

32.7228, 34.8163, 25.7644

Deuteranopia

35.3920, 34.6663, 27.0162



Tritanopia

34.3829, 35.0374, 42.9809

Trichromacy



Original Color

31.0986, 35.0012, 26.5896

Protanomaly

32.1171, 34.7527, 26.1343

Deuteranomaly

33.6774, 34.7786, 26.7677

Tritanomaly

33.0688, 35.0155, 36.4682

Monochromacy



Original Color

31.0986, 35.0012, 26.5896

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

32.0167, 34.5488, 32.9981

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0986, 35.0012, 26.5896 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(157, 163, 131)` looks like.

```
.text, #text, p{  
    color:rgb(157, 163, 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(157, 163, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 163, 131) }
```

Border

The CSS property to change the border of an element to XYZ 31.0986, 35.0012, 26.5896 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(157, 163, 131) }
```


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

```
.border{ border-color:rgb(157, 163, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 163, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 163, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 163, 131);  
box-shadow:4px 4px 4px 4px rgb(157, 163,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0986, 35.0012, 26.5896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 163, 131) }
```

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

```
.background{ background-color: rgb(157,  
163, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor