

Converting Colors

XYZ(30.6589, 37.8131, 26.8021)

Have a look what the booklet for
XYZ(30.6589, 37.8131, 26.8021)
contains.

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Color

**XYZ(30.6669, 37.8131,
26.8014)**

Conversions

Conversions Part 1

Format	Color
Hex	90AE82
RGB	144, 174, 130
RGB Percent	56%, 68%, 51%
CMY	0.4353, 0.3176, 0.4902
CMYK	0.17, 0.00, 0.25, 0.32
HSL	101°, 21%, 60%
HSV	101°, 25%, 68%
XYZ	30.6669, 37.8131, 26.8014
YIQ	160.0140, -3.7560, -20.0440

Conversions

Conversions Part 2

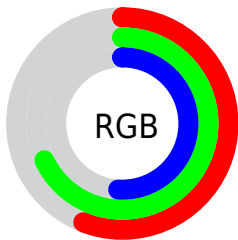
Format	Color
RYB	130, 174, 160
Decimal	9481858
CIELab	67.88, -18.63, 19.28
CIELCh	68, 26.810, 134.007
Yxy	37.8131, 0.3219, 0.3969
Android (android.graphics.Color)	4287671938 (0xFF90AE82)
YUV	160.0140, -14.7969, -14.0443
Hunter-Lab	61.4924, -18.5918, 17.2031

Details

The XYZ color **30.6669, 37.8131, 26.8014** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **30.1214, 26.4959, 43.5731**, and the grayscale version is **33.4882, 35.2322, 38.3678**.

A 20% lighter version of the original color is **60.1328, 72.0183, 55.5313**, and **12.7995, 16.5811, 10.1153** is the 20% darker color. If you saturate the color by 10%, you get **27.6320, 36.3734, 21.0697**, and if you desaturate by 10%, it is **34.1191, 39.4473, 33.5852**.

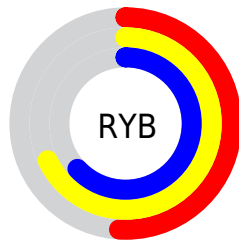
Distribution



Red (56%)

Green (68%)

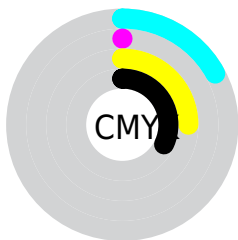
Blue (51%)



Red (51%)

Yellow (68%)

Blue (63%)

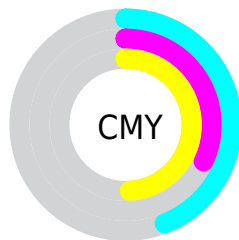


Cyan (17%)

Magenta (0%)

Yellow (25%)

Black (32%)



Cyan (44%)


Magenta (32%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.6669, 37.8131, 26.8014 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 30.6669, 37.8131, 26.8014 by changing the saturation by 10% instead.


 30.6669, 37.8131,
26.8014


 30.6669, 37.8131,
26.8014


296.8551,
336.8175, 300.4239

 20.4959, 25.8377,
17.1930


 60.0947, 71.8216,
55.5649

 12.8664, 16.7022,
10.2088


 80.0822, 94.6234,
75.5570

 7.4130, 10.0224,
5.4302


 104.0726,
121.8028, 99.8475

 3.7703, 5.4138,
2.4387

132.4312,
153.7442, 128.8549

 1.5730, 2.4921,
0.8074

165.5234,
190.8320, 162.9977

 0.3747, 0.8727,
0.0000

203.7145,

 0.0000, 0.0000,

233.4506, 202.6944

0.0000

247.3700,
281.9843, 248.3637

■ 30.6669, 37.8131,
26.8014

■ 30.6669, 37.8131,
26.8014

■ 27.6320, 36.3734,
21.0697

■ 34.1191, 39.4473,
33.5852

■ 24.9949, 35.1160,
16.3351

■ 38.0013, 41.2783,
41.4676

■ 22.7388, 34.0346,
12.5411

■ 42.3294, 43.3141,
50.4953

■ 20.8442, 33.1204,
9.6249

■ 47.1173, 45.5612,
60.7115

■ 19.2900, 32.3643,
7.5157

■ 52.3785, 48.0255,
72.1572

■ 18.0523, 31.7556,
6.1319

■ 58.1258, 50.7130,
84.8715

■ 17.1030, 31.2821,
5.3721

■ 64.3716, 53.6290,
98.8916

■ 16.7321, 31.0960,
5.1203

■ 68.7555, 55.8299,
101.7602

■ 72.8919, 57.9624,
101.9538

Harmonies

Analogous

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



34.0396, 37.8131, 22.7120



30.6669, 37.8131, 26.8014



28.7894, 37.8131, 35.1802

Triad

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



30.6669, 37.8131, 26.8014



33.7821, 37.8131, 67.3385



44.2690, 37.8131, 35.8749

Complementary

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



30.6669, 37.8131, 26.8014



30.1214, 26.4959, 43.5731

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.



44.1867, 37.8131, 47.8083



30.6669, 37.8131, 26.8014



37.9103, 37.8131, 67.6240

Square

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



30.6669, 37.8131, 26.8014



30.4910, 37.8131, 59.2166



41.7858, 37.8131, 59.9344



42.0028, 37.8131, 27.2250

Rectangle

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



30.6669, 37.8131, 26.8014



28.5401, 37.8131, 42.7929



41.7858, 37.8131, 59.9344



44.5202, 37.8131, 39.5926

Sweetspot

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



30.6679, 37.8147, 26.8022



66.8368, 73.8862, 70.9267



33.9419, 35.5230, 26.1873



14.6187, 16.3105, 15.2822



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.6679, 37.8147, 26.8022



52.6467, 67.1759, 42.9310



28.8824, 36.8354, 29.3809



8.1354, 9.0584, 8.5330



12.1908, 22.5817, 3.7162



0.3968, 0.6579, 0.1061

Inverse Universe

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



30.1214, 26.4959, 43.5731



51.4899, 43.3135, 78.2834



32.3839, 27.7426, 40.0476



8.0855, 8.0184, 10.0742



11.0874, 5.0756, 29.4398



0.3619, 0.1688, 0.8215

Previews

White Background



This preview shows how the XYZ color 30.6669, 37.8131, 26.8014 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 30.6669, 37.8131, 26.8014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

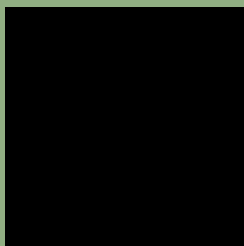
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.6669, 37.8131, 26.8014

Background



This preview shows how black text looks on a background with the XYZ color 30.6669, 37.8131, 26.8014.



This preview shows how white text looks on a background with the XYZ color 30.6669, 37.8131,

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

30.6669, 37.8131, 26.8014

Protanopia

35.1255, 37.6467, 25.1539

Deuteranopia

38.3700, 37.6962, 27.4441



Tritanopia

35.1081, 37.6490, 49.1327

Trichromacy



Original Color

30.6669, 37.8131, 26.8014

Protanomaly

33.1432, 37.4301, 25.5566

Deuteranomaly

35.1195, 37.3308, 27.1844

Tritanomaly

33.2907, 37.7476, 39.7138

Monochromacy



Original Color

30.6669, 37.8131, 26.8014

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.2064, 35.9502, 33.6754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6669, 37.8131, 26.8014 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(144, 174, 130)` looks like.

```
.text, #text, p{  
    color:rgb(144, 174, 130)  
}
```

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(144, 174, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 174, 130) }
```

Border

The CSS property to change the border of an element to XYZ 30.6669, 37.8131, 26.8014 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(144, 174, 130) }
```


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

```
.border{ border-color:rgb(144, 174, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 174, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 174, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 174, 130);  
box-shadow:4px 4px 4px 4px rgb(144, 174,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6669, 37.8131, 26.8014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 174, 130) }
```

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

```
.background{ background-color: rgb(144,  
174, 130) }
```

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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