

Converting Colors

XYZ(26.8956, 37.3584, 27.0197)

Have a look what the booklet for
XYZ(26.8956, 37.3584, 27.0197)
contains.

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Color

**XYZ(26.8315, 37.2966,
26.9039)**

Conversions

Conversions Part 1

Format	Color
Hex	70B382
RGB	112, 179, 130
RGB Percent	44%, 70%, 51%
CMY	0.5608, 0.2980, 0.4902
CMYK	0.37, 0.00, 0.27, 0.30
HSL	136°, 31%, 57%
HSV	136°, 37%, 70%
XYZ	26.8315, 37.2966, 26.9039
YIQ	153.3810, -24.2030, -29.4430

Conversions

Conversions Part 2

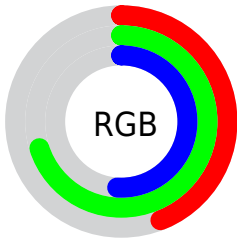
Format	Color
RYB	112, 165, 179
Decimal	7385986
CIELab	67.50, -31.91, 18.46
CIElCh	67, 36.867, 149.948
Yxy	37.2966, 0.2947, 0.4097
Android (android.graphics.Color)	4285576066 (0xFF70B382)
YUV	153.3810, -11.5268, -36.2911
Hunter-Lab	61.0709, -28.4502, 16.6303

Details

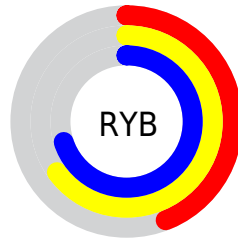
The XYZ color **26.8315, 37.2966, 26.9039** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.8189, 23.7462, 36.6790**, and the grayscale version is **30.5014, 32.0899, 34.9459**.

A 20% lighter version of the original color is **53.9815, 70.9425, 55.6479**, and **10.7723, 16.4616, 10.1991** is the 20% darker color. If you saturate the color by 10%, you get **23.9529, 35.9088, 22.4706**, and if you desaturate by 10%, it is **30.2767, 38.9656, 31.9490**.

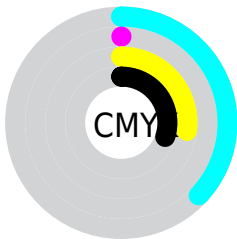
Distribution



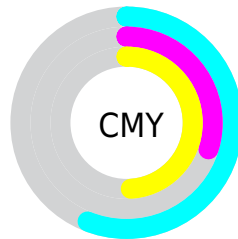
- Red (44%)
- Green (70%)
- Blue (51%)



- Red (44%)
- Yellow (65%)
- Blue (70%)



- Cyan (37%)
- Magenta (0%)
- Yellow (27%)
- Black (30%)





- Cyan (56%)
- Magenta (30%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8315, 37.2966, 26.9039 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 26.8315, 37.2966, 26.9039 by changing the saturation by 10% instead.


 26.8315, 37.2966,
26.9039


 26.8315, 37.2966,
26.9039


279.0228,
334.5929, 300.9370


 17.5826, 25.4372,
17.2693


 54.0352, 71.0287,
55.7315

 10.7486, 16.4031,
10.2627


 72.7207, 93.6703,
75.7615

 5.9641, 9.8098,
5.4656


 95.2825, 120.6746,
100.0937

 2.8637, 5.2731,
2.4595

122.0859,
152.4262, 129.1467

 1.0821, 2.4084,
0.8186

153.4962,
189.3095, 163.3390

 0.0101, 0.8302,
0.0000

189.8790,

 0.0000, 0.0000,

231.7087, 203.0891

0.0000

231.5994,
280.0084, 248.8156

■ 26.8315, 37.2966,
26.9039

■ 26.8315, 37.2966,
26.9039

■ 23.9529, 35.9088,
22.4706

■ 30.2767, 38.9656,
31.9490

■ 21.6068, 34.7821,
18.6233

■ 34.3142, 40.9256,
37.6254

■ 19.7598, 33.9007,
15.3380


■ 38.9718, 43.1914,
43.9549


■ 18.3736, 33.2456,
12.5881


■ 44.2746, 45.7756,
50.9574


■ 17.4038, 32.7942,
10.3448


■ 50.2461, 48.6899,
58.6521


 16.7859, 32.5142,
8.5758

 56.9089, 51.9455,
67.0572

 16.6561, 32.4557,
8.1926

 64.2844, 55.5532,
76.1905

 72.3176, 59.4843,
86.0655

 74.2769, 60.2680,
96.3825

Harmonies

Analogous

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



30.2845, 37.2966, 19.1316



26.8315, 37.2966, 26.9039



25.6335, 37.2966, 40.5812

Triad

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



26.8315, 37.2966, 26.9039



35.4394, 37.2966, 80.4792



45.7509, 37.2966, 26.9414

Complementary

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



26.8315, 37.2966, 26.9039



30.8189, 23.7462, 36.6790

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.



47.4968, 37.2966, 40.6381



26.8315, 37.2966, 26.9039



41.1703, 37.2966, 74.0843

Square

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



26.8315, 37.2966, 26.9039



30.2690, 37.2966, 74.0418



45.7391, 37.2966, 58.3227



41.1893, 37.2966, 19.1488

Rectangle

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



26.8315, 37.2966, 26.9039



26.1637, 37.2966, 52.2103



45.7391, 37.2966, 58.3227



46.7069, 37.2966, 30.8688

Sweetspot

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



26.8325, 37.2982, 26.9047



66.5289, 75.7619, 74.3223



33.7709, 41.0027, 21.4642



14.4908, 16.6640, 16.1287



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



26.8325, 37.2982, 26.9047



43.6906, 64.6912, 41.4947



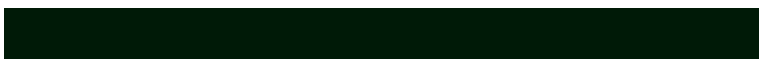
29.4471, 38.3440, 40.6733



8.4796, 9.5264, 9.5194



11.7933, 22.9433, 5.9142



0.3959, 0.7318, 0.3171

Inverse Universe

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



30.8189, 23.7462, 36.6790



51.8644, 36.8650, 61.5071



28.2579, 22.7218, 23.1929



8.7506, 8.6070, 10.1853



16.0558, 7.9399, 15.9855



0.5279, 0.2589, 0.6227

Previews

White Background



This preview shows how the XYZ color 26.8315, 37.2966, 26.9039 looks on a white background.

Color Contrast Check

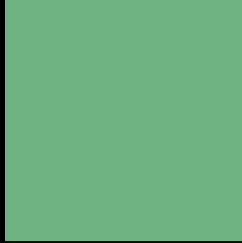
Large Text (above 18pt) WCAG AA × Fail

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 26.8315, 37.2966, 26.9039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

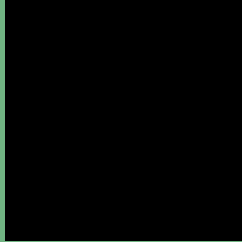
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 26.8315, 37.2966, 26.9039

Background



This preview shows how black text looks on a background with the XYZ color 26.8315, 37.2966, 26.9039.



This preview shows how white text looks on a background with the XYZ color 26.8315, 37.2966,

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

26.8315, 37.2966, 26.9039

Protanopia

34.3515, 36.7384, 24.0196

Deuteranopia

37.4164, 36.6820, 28.0300



Tritanopia

31.9276, 37.3353, 51.9780

Trichromacy



Original Color

26.8315, 37.2966, 26.9039

Protanomaly

30.9028, 36.5577, 25.1663

Deuteranomaly

32.3867, 36.1808, 27.4669

Tritanomaly

29.9586, 37.4062, 41.7175

Monochromacy



Original Color

26.8315, 37.2966, 26.9039

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

28.5124, 33.2883, 31.7106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8315, 37.2966, 26.9039 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(112, 179, 130)` looks like.

```
.text, #text, p{  
    color:rgb(112, 179, 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(112, 179, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 179, 130) }
```

Border

The CSS property to change the border of an element to XYZ 26.8315, 37.2966, 26.9039 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(112, 179, 130) }
```


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

```
.border{ border-color:rgb(112, 179, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 179, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 179, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 179, 130);  
box-shadow:4px 4px 4px 4px rgb(112, 179,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8315, 37.2966, 26.9039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 179, 130) }
```

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

```
.background{ background-color: rgb(112,  
179, 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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