

Converting Colors

XYZ(27.0332, 36.8889, 9.9709)

Have a look what the booklet for
XYZ(27.0332, 36.8889, 9.9709)
contains.

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Color

**XYZ(26.9884, 36.8659,
9.9684)**

Conversions

Conversions Part 1

Format	Color
Hex	8BB03C
RGB	139, 176, 60
RGB Percent	55%, 69%, 24%
CMY	0.4549, 0.3098, 0.7647
CMYK	0.21, 0.00, 0.66, 0.31
HSL	79°, 49%, 46%
HSV	79°, 66%, 69%
XYZ	26.9884, 36.8659, 9.9684
YIQ	151.7130, 15.1840, -43.9200

Conversions

Conversions Part 2

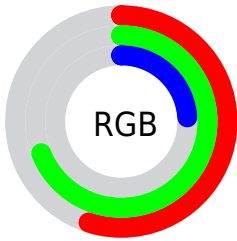
Format	Color
RYB	60, 176, 97
Decimal	9154620
CIELab	67.18, -29.88, 53.27
CIELCh	67, 61.076, 119.291
Yxy	36.8659, 0.3656, 0.4994
Android (android.graphics.Color)	4287344700 (0xFF8BB03C)
YUV	151.7130, -45.2145, -11.1493
Hunter-Lab	60.7173, -26.9133, 32.7680

Details

The XYZ color **26.9884, 36.8659, 9.9684** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **14.3837, 8.9088, 42.0380**, and the grayscale version is **29.9063, 31.4637, 34.2640**.

A 20% lighter version of the original color is **54.3429, 70.5076, 26.3679**, and **10.8293, 16.0972, 2.5363** is the 20% darker color. If you saturate the color by 10%, you get **25.6851, 36.2403, 7.8699**, and if you desaturate by 10%, it is **28.4963, 37.5815, 12.8856**.

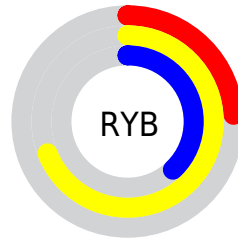
Distribution



Red (55%)

Green (69%)

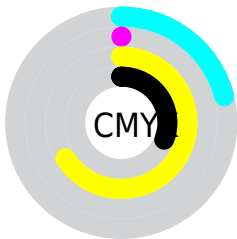
Blue (24%)



Red (24%)

Yellow (69%)

Blue (38%)

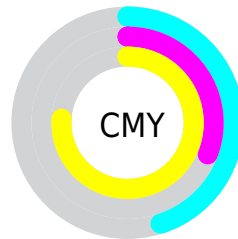


Cyan (21%)

Magenta (0%)

Yellow (66%)

Black (31%)



Cyan (45%)

Magenta (31%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9884, 36.8659, 9.9684 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 26.9884, 36.8659, 9.9684 by changing the saturation by 10% instead.

■ 26.9884, 36.8659,
9.9684

■ 26.9884, 36.8659,
9.9684

279.7695,
332.7296, 200.9230

■ 17.7011, 25.1037,
5.2727

■ 54.2853, 70.3665,
26.3429

■ 10.8340, 16.1543,
2.3466

■ 73.0255, 92.8737,
38.8588

■ 6.0218, 9.6334,
0.7572

■ 95.6474, 119.7312,
54.8185

■ 2.8991, 5.1566,
0.0000

■ 122.5164,
151.3237, 74.6406

■ 1.1006, 2.3394,
0.0000

■ 153.9977,
188.0353, 98.7435

■ 0.0256, 0.7945,
0.0000

190.4567,

■ 0.0000, 0.0000,

230.2506, 127.5459

0.0000

232.2589,
278.3539, 161.4662

■ 26.9884, 36.8659,
9.9684

■ 26.9884, 36.8659,
9.9684

■ 25.6851, 36.2403,
7.8699

■ 28.4963, 37.5815,
12.8856

■ 24.5671, 35.6931,
6.5032

■ 30.2209, 38.3880,
16.6922

■ 23.6137, 35.2171,
5.7598

■ 32.1759, 39.2925,
21.4537

■ 23.2522, 35.0352,
5.5370

■ 34.3732, 40.2997,
27.2291

■ 36.8237, 41.4140,
34.0724

■ 39.5376, 42.6397,
42.0339

■ 42.5244, 43.9806,
51.1606

■ 45.7933, 45.4404,
61.4969

■ 49.3528, 47.0225,
73.0849

Harmonies

Analogous

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



35.2619, 36.8659, 7.5969



26.9884, 36.8659, 9.9684



21.7882, 36.8659, 19.2332

Triad

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



26.9884, 36.8659, 9.9684



26.6674, 36.8659, 102.3533



56.1700, 36.8659, 40.7783

Complementary

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



26.9884, 36.8659, 9.9684



14.3837, 8.9088, 42.0380

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.



52.8020, 36.8659, 72.4408



26.9884, 36.8659, 9.9684



34.8189, 36.8659, 116.3634

Square

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



26.9884, 36.8659, 9.9684



21.6272, 36.8659, 70.8246



44.5520, 36.8659, 103.5417



53.0936, 36.8659, 19.9137

Rectangle

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



26.9884, 36.8659, 9.9684



20.2249, 36.8659, 31.3451



44.5520, 36.8659, 103.5417



55.7458, 36.8659, 50.4446

Sweetspot

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



26.9893, 36.8675, 9.9692



64.7503, 74.1852, 56.0343



22.9716, 18.0578, 6.5503



13.7708, 15.9581, 11.4163



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.



26.9893, 36.8675, 9.9692



45.6347, 65.2633, 13.0093



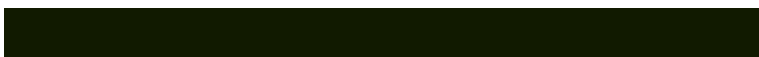
19.7585, 33.1399, 9.6308



8.9282, 9.7681, 9.0674



17.1225, 25.7370, 4.0653



0.5962, 0.8394, 0.1306

Inverse Universe

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



14.3837, 8.9088, 42.0380



21.2254, 10.8812, 75.4769



22.9202, 13.3095, 42.4375



8.2887, 8.3573, 10.6826



7.0071, 2.9481, 30.3367



0.2827, 0.1249, 0.9574

Previews

White Background



This preview shows how the XYZ color 26.9884, 36.8659, 9.9684 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 26.9884, 36.8659, 9.9684 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 26.9884, 36.8659, 9.9684

Background



This preview shows how black text looks on a background with the XYZ color 26.9884, 36.8659, 9.9684.



This preview shows how white text looks on a background with the XYZ color 26.9884, 36.8659,

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

26.9884, 36.8659, 9.9684

Protanopia

33.1271, 36.4349, 9.1575

Deuteranopia

37.3631, 36.5444, 10.3947



Tritanopia

34.6279, 36.8969, 47.4162

Trichromacy



Original Color

26.9884, 36.8659, 9.9684

Protanomaly

30.4922, 36.4177, 9.4252

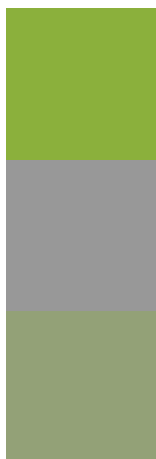
Deuteranomaly

32.8450, 36.2678, 10.1198

Tritanomaly

30.7739, 36.4211, 28.3297

Monochromacy



Original Color

26.9884, 36.8659, 9.9684

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.1073, 33.0247, 22.3458

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9884, 36.8659, 9.9684 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(139, 176, 60)` looks like.

```
.text, #text, p{  
    color:rgb(139, 176, 60)  
}
```

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(139, 176, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 176, 60) }
```

Border

The CSS property to change the border of an element to XYZ 26.9884, 36.8659, 9.9684 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(139, 176, 60) }
```


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

```
.border{ border-color:rgb(139, 176, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 176, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 176, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 176, 60);  
box-shadow:4px 4px 4px 4px rgb(139, 176,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9884, 36.8659, 9.9684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 176, 60) }
```

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

```
.background{ background-color: rgb(139,  
176, 60) }
```

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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