

Converting Colors

XYZ(26.4059, 34.1734, 33.7362)

Have a look what the booklet for
XYZ(26.4059, 34.1734, 33.7362)
contains.

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Color

**XYZ(26.2949, 33.9906,
33.6087)**

Conversions

Conversions Part 1

Format	Color
Hex	70A995
RGB	112, 169, 149
RGB Percent	44%, 66%, 58%
CMY	0.5608, 0.3372, 0.4157
CMYK	0.34, 0.00, 0.12, 0.34
HSL	159°, 25%, 55%
HSV	159°, 34%, 66%
XYZ	26.2949, 33.9906, 33.6087
YIQ	149.6770, -27.5520, -18.3040

Conversions

Conversions Part 2

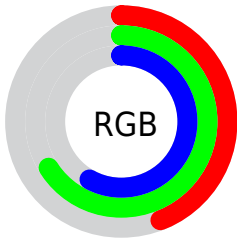
Format	Color
RYB	112, 147, 169
Decimal	7383445
CIELab	64.96, -23.15, 4.41
CIELCh	65, 23.564, 169.204
Yxy	33.9906, 0.2800, 0.3620
Android (android.graphics.Color)	4285573525 (0xFF70A995)
YUV	149.6770, -0.3338, -33.0427
Hunter-Lab	58.3015, -21.5212, 6.6325

Details

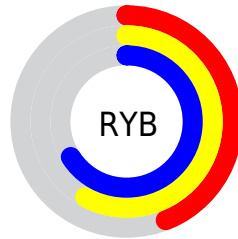
The XYZ color **26.2949, 33.9906, 33.6087** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **26.3224, 21.6902, 24.6306**, and the grayscale version is **28.8631, 30.3662, 33.0688**.

A 20% lighter version of the original color is **52.9522, 65.6224, 66.3754**, and **10.4904, 14.5965, 13.8198** is the 20% darker color. If you saturate the color by 10%, you get **23.8818, 32.8008, 31.0872**, and if you desaturate by 10%, it is **29.1377, 35.4009, 36.2776**.

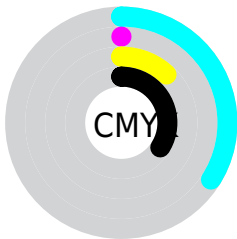
Distribution



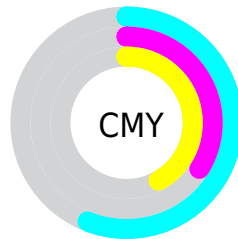
- Red (44%)
- Green (66%)
- Blue (58%)



- Red (44%)
- Yellow (58%)
- Blue (66%)



- Cyan (34%)
- Magenta (0%)
- Yellow (12%)
- Black (34%)





- Cyan (56%)
- Magenta (34%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.2949, 33.9906, 33.6087 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 26.2949, 33.9906, 33.6087 by changing the saturation by 10% instead.


 26.2949, 33.9906,
33.6087


 26.2949, 33.9906,
33.6087


276.4570,
320.0901, 333.0995


 17.1782, 22.8864,
22.3182


 53.1782, 65.9191,
66.4516

 10.4577, 14.5096,
13.8904


 71.6756, 87.5121,
88.8412

 5.7681, 8.4760,
7.9066


 94.0306, 113.3701,
115.7675

 2.7439, 4.4010,
3.9483

 120.6085,
143.8777, 147.6491

 1.0198, 1.9003,
1.5970

151.7747,
179.4190, 184.9046

 0.0000, 0.5486,
0.2887

187.8947,

 0.0000, 0.0000,

220.3786, 227.9524

0.0000

229.3336,
267.1409, 277.2112

■ 26.2949, 33.9906,
33.6087

■ 26.2949, 33.9906,
33.6087

■ 23.8818, 32.8008,
31.0872

■ 29.1377, 35.4009,
36.2776

■ 21.8724, 31.8155,
28.7080

■ 32.4285, 37.0384,
39.0944

■ 20.2426, 31.0232,
26.4686

■ 36.1880, 38.9147,
42.0627

■ 18.9641, 30.4094,
24.3659

■ 40.4348, 41.0393,
45.1850

■ 18.0047, 29.9573,
22.3963

■ 45.1864, 43.4212,
48.4638

■ 17.3256, 29.6473,
20.5560

■ 50.4596, 46.0690,
51.9016

■ 16.9867, 29.4964,
19.4642

■ 56.2701, 48.9908,
55.5007

■ 62.6331, 52.1943,
59.2636

■ 66.1337, 53.9192,
63.0320

Harmonies

Analogous

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



27.6012, 33.9906, 26.0641



26.2949, 33.9906, 33.6087



26.5120, 33.9906, 43.5243

Triad

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



26.2949, 33.9906, 33.6087



34.5081, 33.9906, 57.6836



36.7748, 33.9906, 24.5560

Complementary

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



26.2949, 33.9906, 33.6087



26.3224, 21.6902, 24.6306

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.



38.8904, 33.9906, 31.1804



26.2949, 33.9906, 33.6087



37.5195, 33.9906, 50.6577

Square

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



26.2949, 33.9906, 33.6087



31.0965, 33.9906, 58.6450



39.1721, 33.9906, 40.6333



33.5486, 33.9906, 21.4820

Rectangle

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



26.2949, 33.9906, 33.6087



27.4960, 33.9906, 50.1673



39.1721, 33.9906, 40.6333



37.6488, 33.9906, 26.3813

Sweetspot

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



26.2958, 33.9920, 33.6095



60.3667, 67.4736, 71.8682



26.7708, 34.5257, 20.5830



12.9655, 14.6106, 15.5102



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.



26.2958, 33.9920, 33.6095



43.9931, 59.3447, 57.0066



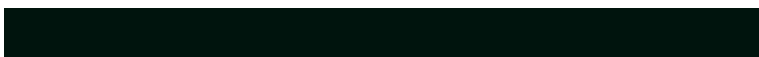
26.6595, 31.9404, 42.2977



7.6341, 8.4867, 9.0591



12.6856, 21.9930, 14.6431



0.3315, 0.5442, 0.4766

Inverse Universe

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



26.3224, 21.6902, 24.6306



44.0520, 34.1170, 38.6145



25.9564, 22.9427, 18.3902



7.6358, 7.5842, 8.3991



12.8122, 6.5336, 3.8227



0.3359, 0.1686, 0.2204

Previews

White Background



This preview shows how the XYZ color 26.2949, 33.9906, 33.6087 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 26.2949, 33.9906, 33.6087 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

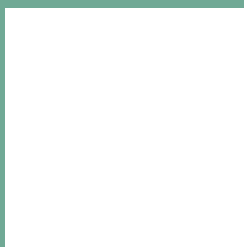
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2949, 33.9906, 33.6087

Background



This preview shows how black text looks on a background with the XYZ color 26.2949, 33.9906, 33.6087.



This preview shows how white text looks on a background with the XYZ color 26.2949, 33.9906,

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

26.2949, 33.9906, 33.6087

Protanopia

31.8752, 33.5165, 30.3805

Deuteranopia

34.4336, 33.7551, 34.8375



Tritanopia

29.0988, 34.0466, 47.1575

Trichromacy



Original Color

26.2949, 33.9906, 33.6087

Protanomaly

29.3573, 33.4634, 31.6998

Deuteranomaly

30.6569, 33.3000, 34.5175

Tritanomaly

27.8137, 33.7755, 41.6126

Monochromacy



Original Color

26.2949, 33.9906, 33.6087

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.7153, 31.5502, 33.4832

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2949, 33.9906, 33.6087 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, 169, 149)` looks like.

```
.text, #text, p{  
    color:rgb(112, 169, 149)  
}
```

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, 169, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 169, 149) }
```

Border

The CSS property to change the border of an element to XYZ 26.2949, 33.9906, 33.6087 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, 169, 149) }
```


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

```
.border{ border-color:rgb(112, 169, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 169, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 169, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 169, 149);  
box-shadow:4px 4px 4px 4px rgb(112, 169,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2949, 33.9906, 33.6087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 169, 149) }
```

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

```
.background{ background-color: rgb(112,  
169, 149) }
```

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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