

Converting Colors

XYZ(26.2886, 27.8703, 36.3417)

Have a look what the booklet for
XYZ(26.2886, 27.8703, 36.3417)
contains.

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Color

**XYZ(26.2886, 27.8703,
36.3417)**

Conversions

Conversions Part 1

Format	Color
Hex	87919E
RGB	135, 145, 158
RGB Percent	53%, 57%, 62%
CMY	0.4706, 0.4314, 0.3804
CMYK	0.15, 0.08, 0.00, 0.38
HSL	214°, 11%, 57%
HSV	214°, 15%, 62%
XYZ	26.2886, 27.8703, 36.3417
YIQ	143.4920, -10.1330, 1.9230

Conversions

Conversions Part 2

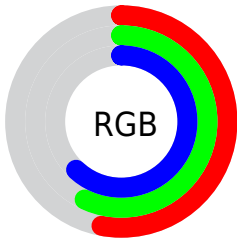
Format	Color
R_{YB}	135, 142, 158
Decimal	8884638
CIE _{Lab}	59.77, -0.83, -8.09
CIE _{LCh}	60, 8.135, 264.148
Yxy	27.8703, 0.2905, 0.3080
Android (android.graphics.Color)	4287074718 (0xFF87919E)
YUV	143.4920, 7.1524, -7.4475
Hunter-Lab	52.7923, -3.5003, -3.8600

Details

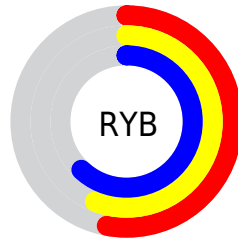
The XYZ color **26.2886, 27.8703, 36.3417** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.0638, 30.1980, 27.2191**, and the grayscale version is **26.2810, 27.6496, 30.1104**.

A 20% lighter version of the original color is **53.1727, 56.3423, 71.0234**, and **10.4924, 11.1772, 15.5143** is the 20% darker color. If you saturate the color by 10%, you get **22.6217, 24.0341, 35.7949**, and if you desaturate by 10%, it is **30.4418, 32.1179, 36.9431**.

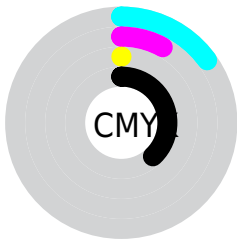
Distribution



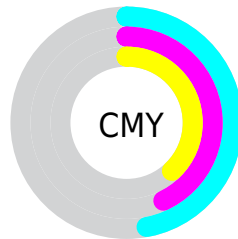
- Red (53%)
- Green (57%)
- Blue (62%)



- Red (53%)
- Yellow (56%)
- Blue (62%)



- Cyan (15%)
- Magenta (8%)
- Yellow (0%)
- Black (38%)



- Cyan (47%)
- Magenta (43%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2886, 27.8703, 36.3417 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 26.2886, 27.8703, 36.3417 by changing the saturation by 10% instead.

■ 26.2886, 27.8703,
36.3417

■ 26.2886, 27.8703,
36.3417

276.4267,
291.8466, 345.5341

■ 17.1735, 18.2279,
24.4064

■ 53.1682, 56.2773,
70.7341

■ 10.4543, 11.1137,
15.4204

■ 71.6633, 75.8107,
94.0283

■ 5.7658, 6.1434,
8.9651

■ 94.0158, 99.4099,
121.9460

■ 2.7425, 2.9325,
4.6219

120.5911,
127.4593, 154.9056

■ 1.0191, 1.0966,
1.9724

151.7545,
160.3433, 193.3256

■ 0.0000, 0.0000,
0.5382

187.8713,

■ 0.0000, 0.0000,

198.4462, 237.6247

0.0000

229.3069,
242.1525, 288.2213

■ 26.2886, 27.8703,
36.3417

■ 26.2886, 27.8703,
36.3417

■ 22.6217, 24.0341,
35.7949

■ 30.4418, 32.1179,
36.9431

■ 19.4194, 20.5923,
35.2994

■ 35.0965, 36.7860,
37.5988

■ 16.6624, 17.5318,
34.8540

■ 40.2707, 41.8881,
38.3109

■ 14.3286, 14.8373,
34.4569

■ 45.9805, 47.4357,
39.0808

■ 12.3942, 12.4926,
34.1063

■ 52.2412, 53.4400,
39.9097

■ 10.8324, 10.4795,
33.8000

■ 59.0676, 59.9117,
40.7991

■ 9.6130, 8.7780,
33.5359

■ 66.4740, 66.8612,
41.7501

■ 8.6995, 7.3646,
33.3112

■ 72.0793, 73.0640,
42.6520

■ 8.2820, 6.6893,
33.2029

■ 74.4356, 77.7766,
43.4374

Harmonies

Analogous

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



25.3474, 27.8703, 35.1765



26.2886, 27.8703, 36.3417



27.3079, 27.8703, 35.8181

Triad

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



26.2886, 27.8703, 36.3417



28.3374, 27.8703, 28.0855



24.9177, 27.8703, 27.1455

Complementary

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



26.2886, 27.8703, 36.3417



29.0638, 30.1980, 27.2191

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.



25.6884, 27.8703, 25.4617



26.2886, 27.8703, 36.3417



27.6662, 27.8703, 25.9793

Square

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



26.2886, 27.8703, 36.3417



28.5081, 27.8703, 30.9276



26.6922, 27.8703, 25.0489



24.5692, 27.8703, 29.7718

Rectangle

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



26.2886, 27.8703, 36.3417



27.8926, 27.8703, 34.5980



26.6922, 27.8703, 25.0489



25.1350, 27.8703, 26.4575

Sweetspot

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



26.2894, 27.8715, 36.3423



55.6648, 58.7132, 67.1424



27.5366, 31.7322, 32.5460



12.4194, 13.1050, 15.1186



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.2894, 27.8715, 36.3423



45.8055, 48.6062, 65.7112



25.0137, 25.0439, 35.8638



6.5101, 6.8860, 8.3927



6.6708, 5.4332, 26.6044



0.1606, 0.1798, 0.4895

Inverse Universe

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



27.8760, 26.6420, 30.4626



49.1903, 46.0670, 53.1483



30.4759, 33.3565, 27.7544



6.7468, 6.6917, 7.5180



12.1653, 6.1707, 5.1217



0.2384, 0.1187, 0.2014

Previews

White Background



This preview shows how the XYZ color 26.2886, 27.8703, 36.3417 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2886, 27.8703, 36.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

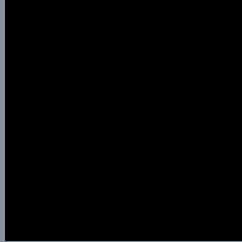
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

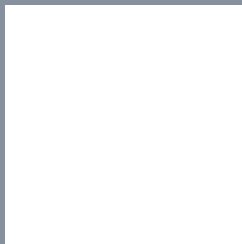
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.2886, 27.8703, 36.3417

Background



This preview shows how black text looks on a background with the XYZ color 26.2886, 27.8703, 36.3417.



This preview shows how white text looks on a background with the XYZ color 26.2886, 27.8703,

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

26.2886, 27.8703, 36.3417

Protanopia

27.2360, 27.9189, 35.8517

Deuteranopia

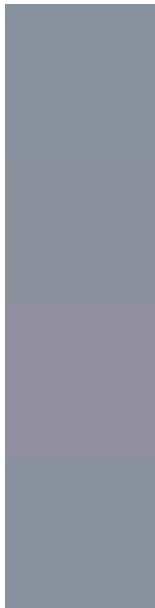
28.3986, 27.8387, 36.6775



Tritanopia

26.2029, 27.8360, 35.8901

Trichromacy



Original Color

26.2886, 27.8703, 36.3417

Protanomaly

26.8743, 27.9563, 35.8780

Deuteranomaly

27.6081, 27.8689, 36.7250

Tritanomaly

26.2029, 27.8360, 35.8901

Monochromacy



Original Color

26.2886, 27.8703, 36.3417

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.1338, 27.6601, 31.9785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2886, 27.8703, 36.3417 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(135, 145, 158)` looks like.

```
.text, #text, p{  
    color:rgb(135, 145, 158)  
}
```

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(135, 145, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 145, 158) }
```

Border

The CSS property to change the border of an element to XYZ 26.2886, 27.8703, 36.3417 is called "border". The border property can be set on classes, ids or directly on the HTML element.

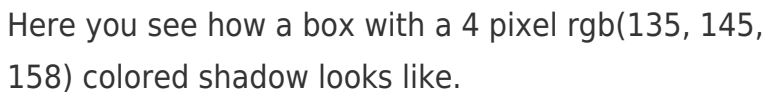
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 145, 158) }
```


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

```
.border{ border-color:rgb(135, 145, 158) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 145, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 145, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 145, 158); box-shadow:4px 4px 4px 4px rgb(135, 145, 158) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2886, 27.8703, 36.3417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 145, 158) }
```

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

```
.background{ background-color: rgb(135,  
145, 158) }
```

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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