

Converting Colors

XYZ(28.7887, 39.3519, 34.5121)

Have a look what the booklet for
XYZ(28.7887, 39.3519, 34.5121)
contains.

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Color

**XYZ(28.7887, 39.3519,
34.5121)**

Conversions

Conversions Part 1

Format	Color
Hex	6EB795
RGB	110, 183, 149
RGB Percent	43%, 72%, 58%
CMY	0.5686, 0.2823, 0.4157
CMYK	0.40, 0.00, 0.19, 0.28
HSL	152°, 34%, 57%
HSV	152°, 40%, 72%
XYZ	28.7887, 39.3519, 34.5121
YIQ	157.2970, -32.5940, -26.0500

Conversions

Conversions Part 2

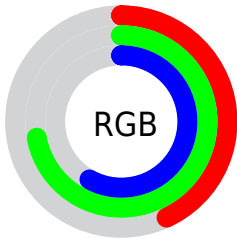
Format	Color
RYB	110, 158, 183
Decimal	7255957
CIELab	69.01, -30.62, 10.20
CIELCh	69, 32.269, 161.579
Yxy	39.3519, 0.2804, 0.3833
Android (android.graphics.Color)	4285446037 (0xFF6EB795)
YUV	157.2970, -4.0904, -41.4795
Hunter-Lab	62.7311, -27.8618, 11.2928

Details

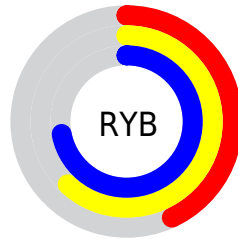
The XYZ color **28.7887, 39.3519, 34.5121** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **30.1397, 23.2337, 29.2831**, and the grayscale version is **32.2108, 33.8883, 36.9043**.

A 20% lighter version of the original color is **56.9558, 73.9373, 67.7694**, and **11.8746, 17.7170, 14.3491** is the 20% darker color. If you saturate the color by 10%, you get **26.0870, 38.0360, 30.9628**, and if you desaturate by 10%, it is **32.0126, 40.9334, 38.3476**.

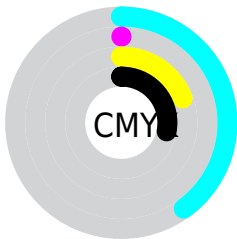
Distribution



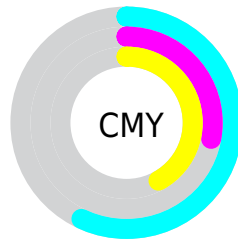
- Red (43%)
- Green (72%)
- Blue (58%)



- Red (43%)
- Yellow (62%)
- Blue (72%)



- Cyan (40%)
- Magenta (0%)
- Yellow (19%)
- Black (28%)





- Cyan (57%)
- Magenta (28%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.7887, 39.3519, 34.5121 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 28.7887, 39.3519, 34.5121 by changing the saturation by 10% instead.


 28.7887, 39.3519,
34.5121


 28.7887, 39.3519,
34.5121


288.2289,
343.3843, 337.2481


 19.0645, 27.0336,
23.0067


 57.1411, 74.1756,
67.8722


 11.8212, 17.5985,
14.3931


 76.5000, 97.4498,
90.5640

 6.6934, 10.6621,
8.2527

 99.8012, 125.1447,
117.8218

 3.3157, 5.8401,
4.1670

 127.4100,
157.6448, 150.0640

 1.3228, 2.7481,
1.7174

159.6919,
195.3344, 187.7092

 0.2002, 1.0017,
0.3726

197.0121,

 0.0000, 0.0000,

238.5979, 231.1759

0.0000

239.7359,
287.8197, 280.8827

■ 28.7887, 39.3519,
34.5121

■ 28.7887, 39.3519,
34.5121

■ 26.0870, 38.0360,
30.9628

■ 32.0126, 40.9334,
38.3476

■ 23.8741, 36.9653,
27.6900

■ 35.7831, 42.7898,
42.4732

■ 22.1174, 36.1244,
24.6874


■ 40.1270, 44.9357,
46.8963


■ 20.7791, 35.4937,
21.9472


■ 45.0683, 47.3836,
51.6230


■ 19.8146, 35.0505,
19.4613


■ 50.6296, 50.1448,
56.6593


 19.1347, 34.7489,
17.2191

 56.8323, 53.2304,
62.0110

 19.1278, 34.7458,
17.1959

 63.6966, 56.6506,
67.6837

 70.7235, 60.1482,
73.6586

 71.8626, 60.6038,
79.6570

Harmonies

Analogous

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



31.2204, 39.3519, 24.9722



28.7887, 39.3519, 34.5121



28.5331, 39.3519, 48.7828

Triad

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



28.7887, 39.3519, 34.5121



39.4216, 39.3519, 76.9831



45.2927, 39.3519, 26.6760

Complementary

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



28.7887, 39.3519, 34.5121



30.1397, 23.2337, 29.2831

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.



47.9430, 39.3519, 37.4143



28.7887, 39.3519, 34.5121



44.3518, 39.3519, 67.6964

Square

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



28.7887, 39.3519, 34.5121



34.3662, 39.3519, 75.6983



47.5837, 39.3519, 52.4274



40.6132, 39.3519, 21.2147

Rectangle

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



28.7887, 39.3519, 34.5121



29.5999, 39.3519, 59.4426



47.5837, 39.3519, 52.4274



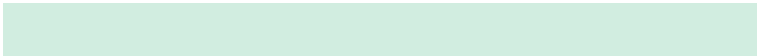
46.4689, 39.3519, 29.6700

Sweetspot

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



28.7898, 39.3535, 34.5130



69.9754, 79.5418, 82.1115



31.2625, 40.9298, 21.0049



15.2267, 17.4553, 17.9061



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



28.7898, 39.3535, 34.5130



47.2070, 68.3559, 56.1251



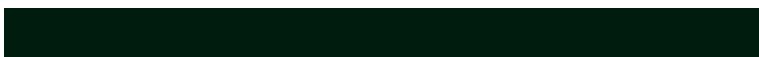
31.4148, 39.6073, 50.7909



9.0855, 10.1382, 10.6075



13.3783, 24.2523, 12.1798



0.5026, 0.8673, 0.5923

Inverse Universe

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



30.1397, 23.2337, 29.2831



49.9676, 35.4233, 45.4534



28.1862, 22.8782, 17.6827



9.1740, 9.0800, 10.2636



14.8078, 7.4969, 6.8748



0.5533, 0.2768, 0.4072

Previews

White Background



This preview shows how the XYZ color 28.7887, 39.3519, 34.5121 looks on a white background.

Color Contrast Check

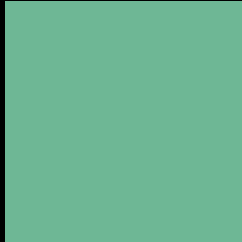
Large Text (above 18pt) WCAG AA × Fail

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 28.7887, 39.3519, 34.5121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

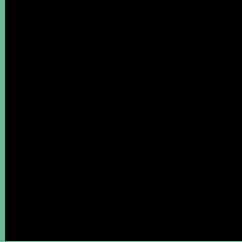
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.7887, 39.3519, 34.5121

Background



This preview shows how black text looks on a background with the XYZ color 28.7887, 39.3519, 34.5121.



This preview shows how white text looks on a background with the XYZ color 28.7887, 39.3519,

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

28.7887, 39.3519, 34.5121

Protanopia

36.7579, 38.9076, 30.7719

Deuteranopia

39.7393, 38.9926, 36.0037



Tritanopia

32.8718, 39.1989, 55.1238

Trichromacy



Original Color

28.7887, 39.3519, 34.5121



Protanomaly

33.1145, 38.6731, 32.1049



Deuteranomaly

34.5394, 38.4900, 35.3147



Tritanomaly

31.1590, 39.0878, 46.9767

Monochromacy



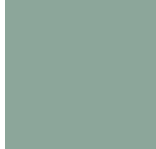
Original Color

28.7887, 39.3519, 34.5121



Achromatopsia

32.0474, 33.7164, 36.7171



Achromatomaly

30.2842, 35.1810, 35.7663

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7887, 39.3519, 34.5121 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(110, 183, 149)` looks like.

```
.text, #text, p{  
    color:rgb(110, 183, 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(110, 183, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 183, 149) }
```

Border

The CSS property to change the border of an element to XYZ 28.7887, 39.3519, 34.5121 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(110, 183, 149) }
```


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

```
.border{ border-color:rgb(110, 183, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 183, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 183, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 183, 149);  
box-shadow:4px 4px 4px 4px rgb(110, 183,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7887, 39.3519, 34.5121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 183, 149) }
```

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

```
.background{ background-color: rgb(110,  
183, 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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