

Converting Colors

XYZ(28.5326, 39.4756, 25.4543)

Have a look what the booklet for
XYZ(28.5326, 39.4756, 25.4543)
contains.

XYZ(28.5203, 39.4126, 25.5062)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.5203, 39.4126,
25.5062)**

Conversions

Conversions Part 1

Format	Color
Hex	79B77D
RGB	121, 183, 125
RGB Percent	47%, 72%, 49%
CMY	0.5255, 0.2823, 0.5098
CMYK	0.34, 0.00, 0.32, 0.28
HSL	124°, 30%, 60%
HSV	124°, 34%, 72%
XYZ	28.5203, 39.4126, 25.5062
YIQ	157.8500, -18.3340, -31.1820

Conversions

Conversions Part 2

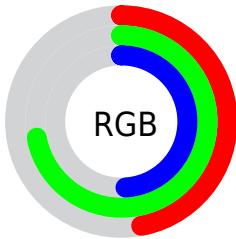
Format	Color
RYB	121, 179, 183
Decimal	7976829
CIELab	69.05, -31.85, 23.35
CIElCh	69, 39.491, 143.757
Yxy	39.4126, 0.3052, 0.4218
Android (android.graphics.Color)	4286166909 (0xFF79B77D)
YUV	157.8500, -16.1950, -32.3174
Hunter-Lab	62.7795, -28.7727, 19.8571

Details

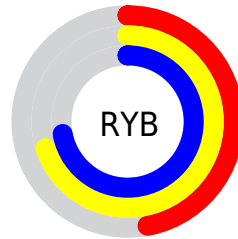
The XYZ color **28.5203, 39.4126, 25.5062** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **34.5038, 26.9975, 46.0419**, and the grayscale version is **32.5092, 34.2023, 37.2463**.

A 20% lighter version of the original color is **56.5816, 74.0613, 53.4326**, and **11.7069, 17.7385, 9.4635** is the 20% darker color. If you saturate the color by 10%, you get **25.1940, 37.8146, 20.1256**, and if you desaturate by 10%, it is **32.5237, 41.3401, 31.9042**.

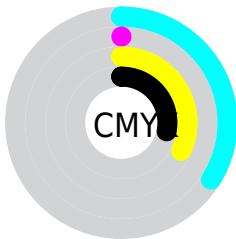
Distribution



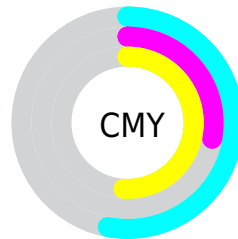
- Red (47%)
- Green (72%)
- Blue (49%)



- Red (47%)
- Yellow (70%)
- Blue (72%)



- Cyan (34%)
- Magenta (0%)
- Yellow (32%)
- Black (28%)



- Cyan (53%)
- Magenta (28%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5203, 39.4126, 25.5062 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 28.5203, 39.4126, 25.5062 by changing the saturation by 10% instead.

■ 28.5203, 39.4126,
25.5062

■ 28.5203, 39.4126,
25.5062

286.9800,
343.6415, 293.8775

■ 18.8607, 27.0809,
16.2321

■ 56.7169, 74.2682,
53.4515

■ 11.6731, 17.6340,
9.5324

■ 75.9846, 97.5609,
72.9599

■ 6.5921, 10.6875,
4.9885

■ 99.1858, 125.2759,
96.7167

■ 3.2524, 5.8571,
2.1819

126.6857,
157.7978, 125.1406

■ 1.2886, 2.7584,
0.6639

158.8497,
195.5109, 158.6501

■ 0.1747, 1.0069,
0.0000

196.0432,

■ 0.0000, 0.0000,

238.7997, 197.6637

0.0000

238.6315,
288.0484, 242.6000

■ 28.5203, 39.4126,
25.5062

■ 28.5203, 39.4126,
25.5062

■ 25.1940, 37.8146,
20.1256

■ 32.5237, 41.3401,
31.9042

■ 22.5044, 36.5231,
15.7075

■ 37.2355, 43.6089,
39.3653

■ 20.4118, 35.5199,
12.1959


■ 42.6888, 46.2361,
47.9359


■ 18.8704, 34.7827,
9.5280


■ 48.9136, 49.2364,
57.6587


■ 17.8281, 34.2863,
7.6330

■ 55.9385, 52.6235,
68.5740

 17.2225, 34.0001,
6.4285

 63.7903, 56.4105,
80.7205

 16.9995, 33.8946,
5.9881

 72.4948, 60.6100,
94.1348

 76.2243, 62.3485,
102.6248

Harmonies

Analogous

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



32.7919, 39.4126, 18.3596



28.5203, 39.4126, 25.5062



26.6688, 39.4126, 39.2529

Triad

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



28.5203, 39.4126, 25.5062



36.1595, 39.4126, 87.4297



49.6692, 39.4126, 30.4064

Complementary

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



28.5203, 39.4126, 25.5062



34.5038, 26.9975, 46.0419

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.



50.8297, 39.4126, 46.7952



28.5203, 39.4126, 25.5062



42.5524, 39.4126, 83.1114

Square

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



28.5203, 39.4126, 25.5062



30.7494, 39.4126, 77.3903



48.0973, 39.4126, 66.8483



45.0832, 39.4126, 20.5844

Rectangle

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



28.5203, 39.4126, 25.5062



26.8891, 39.4126, 51.6983



48.0973, 39.4126, 66.8483



50.4927, 39.4126, 35.1851

Sweetspot

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



28.5213, 39.4143, 25.5071



70.1558, 79.7711, 75.9663



39.1855, 44.9408, 24.6986



15.2014, 17.4774, 16.3162



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.



28.5213, 39.4143, 25.5071



46.3324, 68.3050, 38.0149



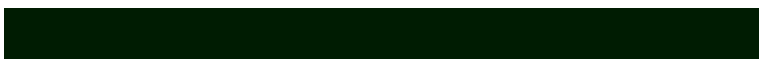
30.7445, 40.3036, 37.2144



8.9132, 10.0693, 9.7005



11.8681, 23.6482, 4.2273



0.4264, 0.8368, 0.1910

Inverse Universe

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



34.5038, 26.9975, 46.0419



58.7476, 42.5252, 80.6213



31.7838, 25.9095, 31.7187



9.3552, 9.1525, 11.2181



18.7739, 9.0833, 27.7596



0.6694, 0.3232, 1.0185

Previews

White Background



This preview shows how the XYZ color 28.5203, 39.4126, 25.5062 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 28.5203, 39.4126, 25.5062 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 28.5203, 39.4126, 25.5062

Background



This preview shows how black text looks on a background with the XYZ color 28.5203, 39.4126, 25.5062.



This preview shows how white text looks on a background with the XYZ color 28.5203, 39.4126,

25.5062.

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

28.5203, 39.4126, 25.5062

Protanopia

36.3287, 39.1370, 22.7790

Deuteranopia

39.8001, 38.9718, 26.5437



Tritanopia

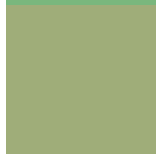
34.1881, 39.3206, 53.9318

Trichromacy



Original Color

28.5203, 39.4126, 25.5062



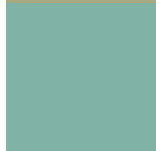
Protanomaly

32.6928, 38.6385, 23.8240



Deuteranomaly

34.4464, 38.3695, 26.0126



Tritanomaly

31.8566, 39.2611, 41.9755

Monochromacy



Original Color

28.5203, 39.4126, 25.5062



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

30.6841, 35.7325, 32.4740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5203, 39.4126, 25.5062 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(121, 183, 125)` looks like.

```
.text, #text, p{  
    color:rgb(121, 183, 125)  
}
```

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(121, 183, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 183, 125) }
```

Border

The CSS property to change the border of an element to XYZ 28.5203, 39.4126, 25.5062 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(121, 183, 125) }
```


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

```
.border{ border-color:rgb(121, 183, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 183, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 183, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 183, 125);  
box-shadow:4px 4px 4px 4px rgb(121, 183,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5203, 39.4126, 25.5062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 183, 125) }
```

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

```
.background{ background-color: rgb(121,  
183, 125) }
```

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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