

Converting Colors

XYZ(39.5282, 29.5923, 26.4603)

Have a look what the booklet for
XYZ(39.5282, 29.5923, 26.4603)
contains.

XYZ(39.5853, 29.6946, 26.5669)	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(39.5853, 29.6946,
26.5669)**

Conversions

Conversions Part 1

Format	Color
Hex	D97787
RGB	217, 119, 135
RGB Percent	85%, 47%, 53%
CMY	0.1490, 0.5333, 0.4706
CMYK	0.00, 0.45, 0.38, 0.15
HSL	350°, 56%, 66%
HSV	350°, 45%, 85%
XYZ	39.5853, 29.6946, 26.5669
YIQ	150.1260, 53.2720, 25.7520

Conversions

Conversions Part 2

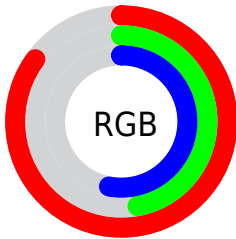
Format	Color
R _Y B	217, 119, 135
Decimal	14251911
CIE Lab	61.39, 39.82, 8.46
CIE LCh	61, 40.706, 11.989
Yxy	29.6946, 0.4130, 0.3098
Android (android.graphics.Color)	4292441991 (0xFFD97787)
YUV	150.1260, -7.4571, 58.6485
Hunter-Lab	54.4928, 34.3059, 9.2392

Details

The XYZ color **39.5853, 29.6946, 26.5669** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **42.9647, 57.7655, 64.1470**, and the grayscale version is **29.0585, 30.5718, 33.2927**.

A 20% lighter version of the original color is **65.2607, 54.7780, 54.7105**, and **17.9449, 12.0411, 9.9727** is the 20% darker color. If you saturate the color by 10%, you get **36.1200, 24.6384, 19.6331**, and if you desaturate by 10%, it is **43.8598, 36.0200, 34.8467**.

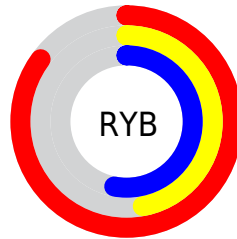
Distribution



Red (85%)

Green (47%)

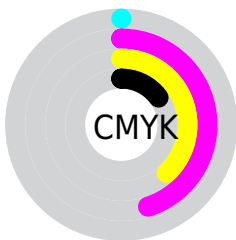
Blue (53%)



Red (85%)

Yellow (47%)

Blue (53%)

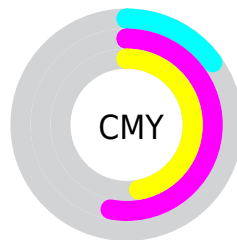


Cyan (0%)

Magenta (45%)

Yellow (38%)

Black (15%)



Cyan (15%)

Magenta (53%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5853, 29.6946, 26.5669 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 39.5853, 29.6946, 26.5669 by changing the saturation by 10% instead.

39.5853, 29.6946,
26.5669

39.5853, 29.6946,
26.5669

335.5370,
300.4783, 299.2475

27.3981, 19.6069,
17.0187

73.8200, 59.1789,
55.1834

18.0106, 12.1096,
10.0857

96.5982, 79.3442,
75.0887

11.0573, 6.8184,
5.3495

123.6374,
103.6376, 99.2834

6.1730, 3.3488,
2.3914

155.3031,
132.4434, 128.1861

2.9922, 1.3164,
0.7818

191.9606,
166.1459, 162.2153

1.1496, 0.1539,
0.0000

233.9751,

0.0660, 0.0000,

205.1297, 201.7896

0.0000

281.7122,
249.7790, 247.3275

■ 0.0000, 0.0000,
0.0000

■ 39.5853, 29.6946,
26.5669

■ 39.5853, 29.6946,
26.5669

■ 36.1200, 24.6384,
19.6331

■ 43.8598, 36.0200,
34.8467

■ 33.4098, 20.7613,
13.9719

■ 48.9882, 43.6880,
44.5373

■ 31.3976, 17.9683,
9.5052


■ 55.0148, 52.7716,
55.7012


■ 30.0171, 16.1478,
6.1454


■ 61.9800, 63.3370,
68.3967

■ 29.1880, 15.1633,
3.7921

■ 69.9219, 75.4467,
82.6788

 28.9250, 14.8756,
2.9697

 78.8762, 89.1591,
98.5998

 82.4253, 93.4917,
108.3092

Harmonies

Analogous

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



39.2343, 29.6946, 42.3722



39.5853, 29.6946, 26.5669



36.6213, 29.6946, 16.3016

Triad

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



39.5853, 29.6946, 26.5669



21.8605, 29.6946, 14.9483



25.1481, 29.6946, 69.4275

Complementary

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



39.5853, 29.6946, 26.5669



42.9647, 57.7655, 64.1470

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.



21.2195, 29.6946, 56.4435



39.5853, 29.6946, 26.5669



19.4940, 29.6946, 24.0187

Square

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



39.5853, 29.6946, 26.5669



26.1315, 29.6946, 11.1653



19.2753, 29.6946, 38.8769



30.4250, 29.6946, 70.7753

Rectangle

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



39.5853, 29.6946, 26.5669



33.3598, 29.6946, 12.6122



19.2753, 29.6946, 38.8769



23.6441, 29.6946, 66.1252

Sweetspot

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



39.5861, 29.6961, 26.5675



80.2578, 77.5229, 82.0584



43.1201, 30.5763, 69.2749



16.7430, 15.9345, 16.7638



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



39.5861, 29.6961, 26.5675



52.3534, 35.9394, 28.9020



43.1203, 38.4335, 22.6003



13.1423, 13.0860, 14.0106



17.5354, 9.0152, 1.9336



1.1633, 0.5949, 0.2687

Inverse Universe

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



39.5861, 29.6961, 26.5675



52.3534, 35.9394, 28.9020



37.3432, 43.3526, 72.0455



13.1423, 13.0860, 14.0106



17.5354, 9.0152, 1.9336



1.1633, 0.5949, 0.2687

Previews

White Background



This preview shows how the XYZ color 39.5853, 29.6946, 26.5669 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 39.5853, 29.6946, 26.5669 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 39.5853, 29.6946, 26.5669

Background



This preview shows how black text looks on a background with the XYZ color 39.5853, 29.6946, 26.5669.



This preview shows how white text looks on a background with the XYZ color 39.5853, 29.6946,

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

39.5853, 29.6946, 26.5669

Protanopia

28.9383, 29.9935, 33.5423

Deuteranopia

30.2814, 29.7186, 25.6130



Tritanopia

38.9978, 29.6169, 24.4301

Trichromacy



Original Color

39.5853, 29.6946, 26.5669

Protanomaly

31.7357, 29.0496, 30.7225

Deuteranomaly

32.9397, 29.1552, 25.7212

Tritanomaly

39.1321, 29.6706, 25.1372

Monochromacy



Original Color

39.5853, 29.6946, 26.5669

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

31.7990, 29.5082, 30.8077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5853, 29.6946, 26.5669 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(217, 119, 135)` looks like.

```
.text, #text, p{  
    color:rgb(217, 119, 135)  
}
```

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(217, 119, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 119, 135) }
```

Border

The CSS property to change the border of an element to XYZ 39.5853, 29.6946, 26.5669 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(217, 119, 135) }
```


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

```
.border{ border-color:rgb(217, 119, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 119, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 119, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 119, 135);  
box-shadow:4px 4px 4px 4px rgb(217, 119,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5853, 29.6946, 26.5669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 119, 135) }
```

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

```
.background{ background-color: rgb(217,  
119, 135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor