

Converting Colors

XYZ(29.1884, 39.0198, 27.2277)

Have a look what the booklet for
XYZ(29.1884, 39.0198, 27.2277)
contains.

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Color

**XYZ(29.1573, 39.0951,
27.1284)**

Conversions

Conversions Part 1

Format	Color
Hex	7EB582
RGB	126, 181, 130
RGB Percent	49%, 71%, 51%
CMY	0.5059, 0.2902, 0.4902
CMYK	0.30, 0.00, 0.28, 0.29
HSL	124°, 27%, 60%
HSV	124°, 30%, 71%
XYZ	29.1573, 39.0951, 27.1284
YIQ	158.7410, -16.4090, -27.5210

Conversions

Conversions Part 2

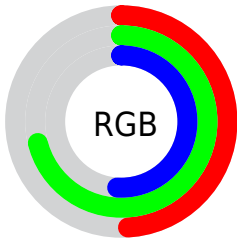
Format	Color
RYB	126, 177, 181
Decimal	8304002
CIELab	68.82, -28.39, 20.39
CIELCh	69, 34.954, 144.310
Yxy	39.0951, 0.3057, 0.4099
Android (android.graphics.Color)	4286494082 (0xFF7EB582)
YUV	158.7410, -14.1693, -28.7139
Hunter-Lab	62.5261, -26.1821, 18.0439

Details

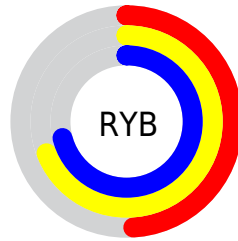
The XYZ color **29.1573, 39.0951, 27.1284** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **34.4540, 27.9206, 45.1698**, and the grayscale version is **32.9052, 34.6188, 37.6999**.

A 20% lighter version of the original color is **57.6538, 73.6906, 55.9848**, and **12.0688, 17.5134, 10.3337** is the 20% darker color. If you saturate the color by 10%, you get **25.6898, 37.4284, 21.5576**, and if you desaturate by 10%, it is **33.2936, 41.0876, 33.6915**.

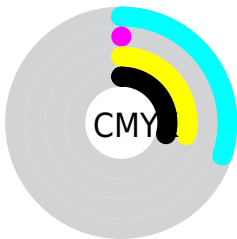
Distribution



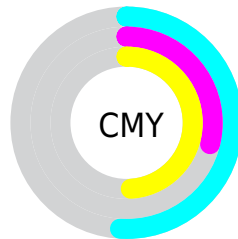
- Red (49%)
- Green (71%)
- Blue (51%)



- Red (49%)
- Yellow (69%)
- Blue (71%)



- Cyan (30%)
- Magenta (0%)
- Yellow (28%)
- Black (29%)



- Cyan (51%)
- Magenta (29%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1573, 39.0951, 27.1284 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 29.1573, 39.0951, 27.1284 by changing the saturation by 10% instead.

■ 29.1573, 39.0951,
27.1284

■ 29.1573, 39.0951,
27.1284

289.9373,
342.2946, 302.0581

■ 19.3447, 26.8337,
17.4364

■ 57.7227, 73.7836,
56.0961

■ 12.0251, 17.4484,
10.3809

■ 77.2063, 96.9795,
76.2088

■ 6.8331, 10.5547,
5.5433

■ 100.6443,
124.5890, 100.6322

■ 3.4033, 5.7683,
2.5052

128.4020,
156.9965, 129.7848

■ 1.3705, 2.7047,
0.8429

160.8448,
194.5864, 164.0852

■ 0.2350, 0.9796,
0.0000

198.3380,

■ 0.0000, 0.0000,

237.7432, 203.9518

0.0000

241.2471,
286.8511, 249.8033

■ 29.1573, 39.0951,
27.1284

■ 29.1573, 39.0951,
27.1284

■ 25.6898, 37.4284,
21.5576

■ 33.2936, 41.0876,
33.6915

■ 22.8530, 36.0655,
16.9282

■ 38.1279, 43.4166,
41.2890

■ 20.6099, 34.9896,
13.1892


■ 43.6916, 46.0986,
49.9639


■ 18.9180, 34.1799,
10.2834


■ 50.0133, 49.1473,
59.7559

■ 17.7296, 33.6133,
8.1469


■ 57.1198, 52.5759,
70.7027

 16.9885, 33.2624,
6.7068

 65.0367, 56.3968,
82.8404

 16.5984, 33.0788,
5.8964

 73.7887, 60.6219,
96.2032

 75.8147, 61.5293,
102.4882

Harmonies

Analogous

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



32.9415, 39.0951, 20.3703



29.1573, 39.0951, 27.1284



27.5303, 39.0951, 39.6129

Triad

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



29.1573, 39.0951, 27.1284



36.1121, 39.0951, 80.7374



47.7424, 39.0951, 31.1981

Complementary

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



29.1573, 39.0951, 27.1284



34.4540, 27.9206, 45.1698

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.



48.8050, 39.0951, 45.6663



29.1573, 39.0951, 27.1284



41.7213, 39.0951, 76.8838

Square

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



29.1573, 39.0951, 27.1284



31.2813, 39.0951, 72.4825



46.5045, 39.0951, 62.9735



43.7297, 39.0951, 22.2784

Rectangle

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



29.1573, 39.0951, 27.1284



27.7587, 39.0951, 50.5669



46.5045, 39.0951, 62.9735



48.4721, 39.0951, 35.4603

Sweetspot

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



29.1583, 39.0967, 27.1293



69.4442, 78.3142, 75.7607



38.4989, 43.9424, 26.1915



14.7185, 16.7863, 15.9195



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



29.1583, 39.0967, 27.1293



48.2232, 68.0956, 42.1823



31.2292, 39.9251, 38.0344



8.4132, 9.4998, 9.1697



11.4524, 22.8069, 4.1191



0.3686, 0.7209, 0.1730

Inverse Universe

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



34.4540, 27.9206, 45.1698



59.1255, 45.0797, 79.3167



32.0097, 26.9428, 32.2981



8.8228, 8.6358, 10.5654



18.0097, 8.7214, 26.2746



0.5745, 0.2776, 0.8682

Previews

White Background



This preview shows how the XYZ color 29.1573, 39.0951, 27.1284 looks on a white background.

Color Contrast Check

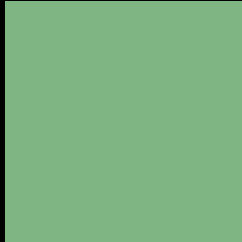
Large Text (above 18pt) WCAG AA × Fail

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 29.1573, 39.0951, 27.1284 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 29.1573, 39.0951, 27.1284

Background



This preview shows how black text looks on a background with the XYZ color 29.1573, 39.0951, 27.1284.



This preview shows how white text looks on a background with the XYZ color 29.1573, 39.0951,

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

29.1573, 39.0951, 27.1284

Protanopia

36.0472, 38.6764, 24.6342

Deuteranopia

39.5536, 38.8131, 27.9612



Tritanopia

34.4222, 39.1783, 52.7616

Trichromacy



Original Color

29.1573, 39.0951, 27.1284

Protanomaly

33.0156, 38.4850, 25.4269

Deuteranomaly

34.8138, 38.2448, 27.7374

Tritanomaly

32.2779, 39.1840, 41.9384

Monochromacy



Original Color

29.1573, 39.0951, 27.1284

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.1966, 35.9786, 33.3173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1573, 39.0951, 27.1284 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(126, 181, 130)` looks like.

```
.text, #text, p{  
    color:rgb(126, 181, 130)  
}
```

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(126, 181, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 181, 130) }
```

Border

The CSS property to change the border of an element to XYZ 29.1573, 39.0951, 27.1284 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(126, 181, 130) }
```


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

```
.border{ border-color:rgb(126, 181, 130) }
```

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

Here you see how a box with a 4 pixel rgb(126, 181, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 181, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 181, 130);  
box-shadow:4px 4px 4px 4px rgb(126, 181,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1573, 39.0951, 27.1284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 181, 130) }
```

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

```
.background{ background-color: rgb(126,  
181, 130) }
```

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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