

Converting Colors

XYZ(29.5217, 39.7933, 30.9220)

Have a look what the booklet for
XYZ(29.5217, 39.7933, 30.9220)
contains.

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Color

**XYZ(29.5523, 39.8254,
30.9404)**

Conversions

Conversions Part 1

Format	Color
Hex	79B78C
RGB	121, 183, 140
RGB Percent	47%, 72%, 55%
CMY	0.5255, 0.2823, 0.4510
CMYK	0.34, 0.00, 0.23, 0.28
HSL	138°, 30%, 60%
HSV	138°, 34%, 72%
XYZ	29.5523, 39.8254, 30.9404
YIQ	159.5600, -23.1490, -26.5170

Conversions

Conversions Part 2

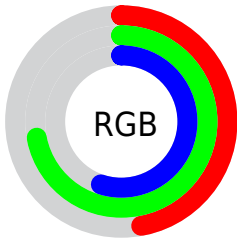
Format	Color
RYB	121, 168, 183
Decimal	7976844
CIELab	69.34, -29.14, 15.66
CIELCh	69, 33.077, 151.745
Yxy	39.8254, 0.2946, 0.3970
Android (android.graphics.Color)	4286166924 (0xFF79B78C)
YUV	159.5600, -9.6431, -33.8171
Hunter-Lab	63.1074, -26.8488, 15.1063

Details

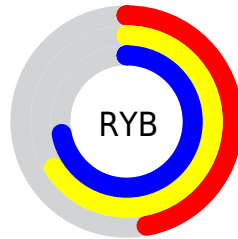
The XYZ color **29.5523, 39.8254, 30.9404** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **33.0681, 26.4233, 38.4811**, and the grayscale version is **33.2626, 34.9949, 38.1094**.

A 20% lighter version of the original color is **58.2833, 74.7420, 62.3937**, and **12.2823, 17.9687, 12.4938** is the 20% darker color. If you saturate the color by 10%, you get **26.3445, 38.2748, 26.1837**, and if you desaturate by 10%, it is **33.3567, 41.6733, 36.2903**.

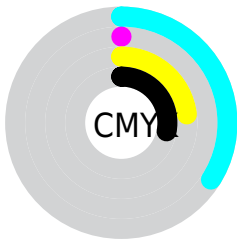
Distribution



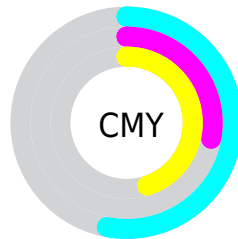
- Red (47%)
- Green (72%)
- Blue (55%)



- Red (47%)
- Yellow (66%)
- Blue (72%)



- Cyan (34%)
- Magenta (0%)
- Yellow (23%)
- Black (28%)





- Cyan (53%)
- Magenta (28%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.5523, 39.8254, 30.9404 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 29.5523, 39.8254, 30.9404 by changing the saturation by 10% instead.


 29.5523, 39.8254,
30.9404


 29.5523, 39.8254,
30.9404


291.7594,
345.3871, 320.6063


 19.6454, 27.4024,
20.2954


 58.3449, 74.8976,
62.2247

 12.2443, 17.8757,
12.4237


 77.9614, 98.3156,
83.7011

 6.9837, 10.8608,
6.9069


 101.5451,
126.1674, 109.6250

 3.4981, 5.9733,
3.3264

129.4614,
158.8373, 140.4149

 1.4223, 2.8288,
1.2636

162.0756,
196.7099, 176.4895

 0.2721, 1.0430,
0.0317

199.7531,

 0.0000, 0.0000,

240.1695, 218.2673

0.0000

242.8593,
289.6004, 266.1667

■ 29.5523, 39.8254,
30.9404

■ 29.5523, 39.8254,
30.9404

■ 26.3445, 38.2748,
26.1837

■ 33.3567, 41.6733,
36.2903

■ 23.6989, 37.0009,
21.9971

■ 37.7834, 43.8280,
42.2502

■ 21.5823, 35.9881,
18.3596

■ 42.8605, 46.3048,
48.8397

■ 19.9567, 35.2172,
15.2481

■ 48.6133, 49.1162,
56.0764

■ 18.7785, 34.6664,
12.6378

■ 55.0658, 52.2744,
63.9776

■ 17.9960, 34.3094,
10.5016

■ 62.2408, 55.7907,
72.5597

■ 17.6500, 34.1548,
9.4139

■ 70.1600, 59.6761,
81.8385

■ 74.1323, 61.5117,
91.6089

■ 76.1010, 62.2992,
101.9758

Harmonies

Analogous

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



32.7308, 39.8254, 22.9459



29.5523, 39.8254, 30.9404



28.5366, 39.8254, 44.2595

Triad

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



29.5523, 39.8254, 30.9404



38.1646, 39.8254, 79.6516



47.2170, 39.8254, 29.7254

Complementary

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



29.5523, 39.8254, 30.9404



33.0681, 26.4233, 38.4811

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.



49.0036, 39.8254, 42.4789



29.5523, 39.8254, 30.9404



43.4832, 39.8254, 73.2880

Square

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



29.5523, 39.8254, 30.9404



33.2219, 39.8254, 74.5584



47.5781, 39.8254, 58.7322



42.8953, 39.8254, 22.3684

Rectangle

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



29.5523, 39.8254, 30.9404



29.1387, 39.8254, 55.1239



47.5781, 39.8254, 58.7322



48.1512, 39.8254, 33.4067

Sweetspot

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



29.5534, 39.8271, 30.9413



70.9061, 80.0711, 79.9169



35.7787, 43.1845, 24.5394



15.3870, 17.5516, 17.2931



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.



29.5534, 39.8271, 30.9413



48.3578, 69.1151, 48.6804



32.1325, 40.8587, 44.5231



9.0006, 10.1042, 10.1607



12.3397, 23.8368, 6.7110



0.4635, 0.8517, 0.3868

Inverse Universe

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



33.0681, 26.4233, 38.4811



55.6472, 41.2851, 64.2948



30.6284, 25.4474, 25.6337



9.2606, 9.1146, 10.7195



16.3239, 8.1033, 14.8585



0.6017, 0.2962, 0.6621

Previews

White Background



This preview shows how the XYZ color 29.5523, 39.8254, 30.9404 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 29.5523, 39.8254, 30.9404 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

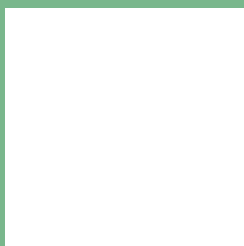
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.5523, 39.8254, 30.9404

Background



This preview shows how black text looks on a background with the XYZ color 29.5523, 39.8254, 30.9404.



This preview shows how white text looks on a background with the XYZ color 29.5523, 39.8254,

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

29.5523, 39.8254, 30.9404

Protanopia

36.8267, 39.2824, 27.8316

Deuteranopia

39.9467, 39.1917, 31.8449



Tritanopia

34.1797, 39.5937, 54.5561

Trichromacy



Original Color

29.5523, 39.8254, 30.9404

Protanomaly

33.4881, 38.9338, 29.0425

Deuteranomaly

35.2690, 38.9481, 31.6455

Tritanomaly

32.3189, 39.7308, 44.9951

Monochromacy



Original Color

29.5523, 39.8254, 30.9404

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

31.6065, 36.4162, 35.5002

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5523, 39.8254, 30.9404 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(121, 183, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 183, 140) }
```

Border

The CSS property to change the border of an element to XYZ 29.5523, 39.8254, 30.9404 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, 140) }
```


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

```
.border{ border-color:rgb(121, 183, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 183, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 183, 140);  
box-shadow:4px 4px 4px 4px rgb(121, 183,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5523, 39.8254, 30.9404 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, 140) }
```

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

```
.background{ background-color: rgb(121,  
183, 140) }
```

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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