

Converting Colors

XYZ(29.8899, 41.0731, 26.7032)

Have a look what the booklet for
XYZ(29.8899, 41.0731, 26.7032)
contains.

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Color

**XYZ(29.9126, 41.0363,
26.7663)**

Conversions

Conversions Part 1

Format	Color
Hex	7DBA80
RGB	125, 186, 128
RGB Percent	49%, 73%, 50%
CMY	0.5098, 0.2706, 0.4980
CMYK	0.33, 0.00, 0.31, 0.27
HSL	123°, 31%, 61%
HSV	123°, 33%, 73%
XYZ	29.9126, 41.0363, 26.7663
YIQ	161.1490, -17.7380, -30.9700

Conversions

Conversions Part 2

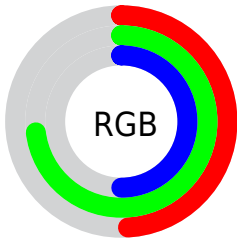
Format	Color
RYB	125, 183, 186
Decimal	8239744
CIELab	70.20, -31.46, 23.34
CIELCh	70, 39.167, 143.430
Yxy	41.0363, 0.3061, 0.4200
Android (android.graphics.Color)	4286429824 (0xFF7DBA80)
YUV	161.1490, -16.3425, -31.7027
Hunter-Lab	64.0596, -28.7538, 20.0683

Details

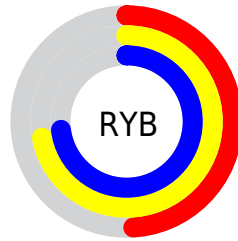
The XYZ color **29.9126, 41.0363, 26.7663** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **36.1319, 28.5260, 48.4029**, and the grayscale version is **34.0259, 35.7979, 38.9839**.

A 20% lighter version of the original color is **58.6830, 76.4242, 55.3745**, and **12.3741, 18.4691, 10.1204** is the 20% darker color. If you saturate the color by 10%, you get **26.3830, 39.3409, 21.0454**, and if you desaturate by 10%, it is **34.1557, 43.0785, 33.5815**.

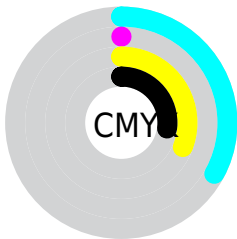
Distribution



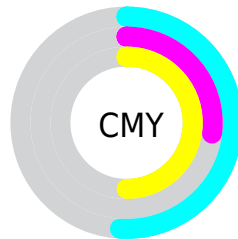
- Red (49%)
- Green (73%)
- Blue (50%)



- Red (49%)
- Yellow (72%)
- Blue (73%)



- Cyan (33%)
- Magenta (0%)
- Yellow (31%)
- Black (27%)



- Cyan (51%)
- Magenta (27%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9126, 41.0363, 26.7663 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 29.9126, 41.0363, 26.7663 by changing the saturation by 10% instead.

■ 29.9126, 41.0363,
26.7663

■ 29.9126, 41.0363,
26.7663

293.4140,
350.4723, 300.2481

■ 19.9200, 28.3474,
17.1669

■ 58.9115, 76.7390,
55.5078

■ 12.4448, 18.5877,
10.1903

■ 78.6485, 100.5216,
75.4870

■ 7.1217, 11.3728,
5.4181

■ 102.3644,
128.7710, 99.7632

■ 3.5854, 6.3182,
2.4316

130.4245,
161.8714, 128.7549

■ 1.4703, 3.0395,
0.8036

163.1941,
200.2074, 162.8807

■ 0.3055, 1.1524,
0.0000

201.0387,

■ 0.0000, 0.0223,

244.1633, 202.5592

0.0000

244.3235,
294.1235, 248.2088

■ 0.0000, 0.0000,
0.0000

■ 29.9126, 41.0363,
26.7663

■ 29.9126, 41.0363,
26.7663

■ 26.3830, 39.3409,
21.0454

■ 34.1557, 43.0785,
33.5815

■ 23.5248, 37.9682,
16.3592

■ 39.1453, 45.4797,
41.5408

■ 21.2963, 36.8992,
12.6467


■ 44.9157, 48.2578,
50.6945


■ 19.6499, 36.1109,
9.8395


■ 51.4988, 51.4282,
61.0889

■ 18.5312, 35.5768,
7.8601

■ 58.9241, 55.0053,
72.7679

 17.8754, 35.2656,
6.6183

 67.2200, 59.0028,
85.7733

 17.6099, 35.1395,
6.1172

 76.3386, 63.3950,
100.1415

 76.8497, 63.5994,
102.8332

Harmonies

Analogous

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



34.3020, 41.0363, 19.4748



29.9126, 41.0363, 26.7663



27.9887, 41.0363, 40.7602

Triad

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



29.9126, 41.0363, 26.7663



37.6094, 41.0363, 89.7638



51.4512, 41.0363, 32.0559

Complementary

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



29.9126, 41.0363, 26.7663



36.1319, 28.5260, 48.4029

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.



52.5852, 41.0363, 48.8466



29.9126, 41.0363, 26.7663



44.1167, 41.0363, 85.5632

Square

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



29.9126, 41.0363, 26.7663



32.1067, 41.0363, 79.4803



49.7723, 41.0363, 69.2062



46.8240, 41.0363, 21.8920

Rectangle

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



29.9126, 41.0363, 26.7663



28.1946, 41.0363, 53.3983



49.7723, 41.0363, 69.2062



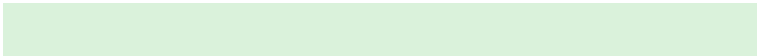
52.2731, 41.0363, 36.9691

Sweetspot

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



29.9137, 41.0380, 26.7672



73.5623, 83.6884, 79.4439



41.0215, 46.7868, 26.2709



15.8881, 18.2796, 16.9999



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



29.9137, 41.0380, 26.7672



49.7002, 72.2087, 41.2049



32.1489, 41.9321, 38.5379



8.9078, 10.0671, 9.6718



11.8550, 23.6430, 4.1585



0.4240, 0.8359, 0.1786

Inverse Universe

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



36.1319, 28.5260, 48.4029



62.6323, 46.1797, 86.1952



33.3729, 27.4224, 33.8745



9.3613, 9.1549, 11.2502



18.9606, 9.1580, 28.7428



0.6743, 0.3252, 1.0442

Previews

White Background



This preview shows how the XYZ color 29.9126, 41.0363, 26.7663 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 29.9126, 41.0363, 26.7663 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 29.9126, 41.0363, 26.7663

Background



This preview shows how black text looks on a background with the XYZ color 29.9126, 41.0363, 26.7663.



This preview shows how white text looks on a background with the XYZ color 29.9126, 41.0363,

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

29.9126, 41.0363, 26.7663

Protanopia

37.7813, 40.6966, 23.9531

Deuteranopia

41.3285, 40.5237, 27.8339



Tritanopia

35.7514, 40.9649, 55.8919

Trichromacy



Original Color

29.9126, 41.0363, 26.7663

Protanomaly

34.2677, 40.2924, 25.0399

Deuteranomaly

36.0828, 40.0280, 27.2971

Tritanomaly

33.3582, 40.8989, 43.6722

Monochromacy



Original Color

29.9126, 41.0363, 26.7663

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

32.0123, 37.2153, 33.9298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9126, 41.0363, 26.7663 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(125, 186, 128)` looks like.

```
.text, #text, p{  
    color:rgb(125, 186, 128)  
}
```

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(125, 186, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 186, 128) }
```

Border

The CSS property to change the border of an element to XYZ 29.9126, 41.0363, 26.7663 is called "border". The border property can be set on classes, ids or directly on the HTML element.

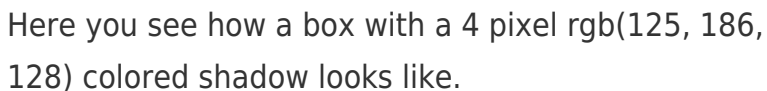
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(125, 186, 128) }
```


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

```
.border{ border-color:rgb(125, 186, 128) }
```

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



Here you see how a box with a 4 pixel `rgb(125, 186, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 186, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 186, 128);  
box-shadow:4px 4px 4px 4px rgb(125, 186,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9126, 41.0363, 26.7663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 186, 128) }
```

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

```
.background{ background-color: rgb(125,  
186, 128) }
```

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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