

Converting Colors

XYZ(29.1104, 39.8831, 26.9586)

Have a look what the booklet for
XYZ(29.1104, 39.8831, 26.9586)
contains.

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Color

**XYZ(29.1290, 40.0035,
26.9551)**

Conversions

Conversions Part 1

Format	Color
Hex	7AB881
RGB	122, 184, 129
RGB Percent	48%, 72%, 51%
CMY	0.5216, 0.2784, 0.4941
CMYK	0.34, 0.00, 0.30, 0.28
HSL	127°, 30%, 60%
HSV	127°, 34%, 72%
XYZ	29.1290, 40.0035, 26.9551
YIQ	159.1920, -19.2970, -30.2490

Conversions

Conversions Part 2

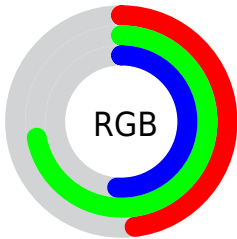
Format	Color
RYB	122, 178, 184
Decimal	8042625
CIELab	69.47, -31.31, 21.78
CIELCh	69, 38.142, 145.170
Yxy	40.0035, 0.3032, 0.4163
Android (android.graphics.Color)	4286232705 (0xFF7AB881)
YUV	159.1920, -14.8847, -32.6174
Hunter-Lab	63.2483, -28.4764, 19.0057

Details

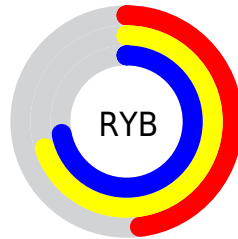
The XYZ color **29.1290, 40.0035, 26.9551** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **34.6638, 27.2846, 45.0361**, and the grayscale version is **33.1157, 34.8403, 37.9411**.

A 20% lighter version of the original color is **57.5081, 74.9277, 55.6875**, and **12.0534, 18.0992, 10.2554** is the 20% darker color. If you saturate the color by 10%, you get **25.7665, 38.3867, 21.5796**, and if you desaturate by 10%, it is **33.1602, 41.9473, 33.2684**.

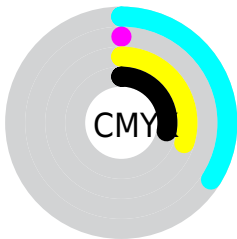
Distribution



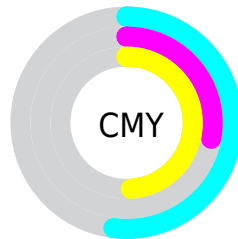
- Red (48%)
- Green (72%)
- Blue (51%)



- Red (48%)
- Yellow (70%)
- Blue (72%)



- Cyan (34%)
- Magenta (0%)
- Yellow (30%)
- Black (28%)



- Cyan (52%)
- Magenta (28%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1290, 40.0035, 26.9551 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 29.1290, 40.0035, 26.9551 by changing the saturation by 10% instead.

■ 29.1290, 40.0035,
26.9551

■ 29.1290, 40.0035,
26.9551

289.8064,
346.1383, 301.1929

■ 19.3232, 27.5413,
17.3074

■ 57.6781, 75.1688,
55.8147

■ 12.0094, 17.9802,
10.2896

■ 77.1522, 98.6407,
75.8636

■ 6.8224, 10.9357,
5.4833

■ 100.5796,
126.5513, 100.2166

■ 3.3966, 6.0236,
2.4699

128.3259,
159.2850, 129.2924

■ 1.3668, 2.8595,
0.8241

160.7564,
197.2261, 163.5093

■ 0.2324, 1.0588,
0.0000

198.2364,

■ 0.0000, 0.0000,

240.7591, 203.2861

0.0000

241.1313,
290.2684, 249.0411

■ 29.1290, 40.0035,
26.9551

■ 29.1290, 40.0035,
26.9551

■ 25.7665, 38.3867,
21.5796

■ 33.1602, 41.9473,
33.2684

■ 23.0336, 37.0743,
17.0946

■ 37.8904, 44.2293,
40.5584

■ 20.8915, 36.0484,
13.4528


■ 43.3517, 46.8665,
48.8651


■ 19.2963, 35.2875,
10.6016


■ 49.5736, 49.8733,
58.2254


■ 18.1976, 34.7669,
8.4821


■ 56.5835, 53.2630,
68.6744

 17.5355, 34.4571,
7.0275

 64.4078, 57.0486,
80.2456

 17.2745, 34.3358,
6.4156

 73.0715, 61.2422,
92.9709

 76.4312, 62.7625,
102.6937

Harmonies

Analogous

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



33.2176, 40.0035, 19.5578



29.1290, 40.0035, 26.9551



27.4270, 40.0035, 40.7707

Triad

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



29.1290, 40.0035, 26.9551



37.0363, 40.0035, 86.6964



49.7429, 40.0035, 30.6983

Complementary

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



29.1290, 40.0035, 26.9551



34.6638, 27.2846, 45.0361

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.



51.0451, 40.0035, 46.4675



29.1290, 40.0035, 26.9551



43.2690, 40.0035, 81.8968

Square

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



29.1290, 40.0035, 26.9551



31.6682, 40.0035, 77.6344



48.5628, 40.0035, 65.8700



45.1737, 40.0035, 21.2758

Rectangle

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



29.1290, 40.0035, 26.9551



27.7253, 40.0035, 53.0200



48.5628, 40.0035, 65.8700



50.5967, 40.0035, 35.2928

Sweetspot

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



29.1300, 40.0052, 26.9560



72.0231, 81.7864, 78.6198



38.9692, 45.1294, 25.0697



15.2379, 17.4920, 16.5084



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.



29.1300, 40.0052, 26.9560



48.4287, 70.4114, 41.8928



31.4431, 40.9304, 39.1363



8.9305, 10.0762, 9.7913



11.9187, 23.6684, 4.4940



0.4338, 0.8398, 0.2302

Inverse Universe

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



34.6638, 27.2846, 45.0361



59.9047, 44.0150, 79.3752



31.9787, 26.2106, 30.8962



9.3361, 9.1448, 11.1172



18.2099, 8.8577, 24.7898



0.6545, 0.3173, 0.9398

Previews

White Background



This preview shows how the XYZ color 29.1290, 40.0035, 26.9551 looks on a white background.

Color Contrast Check

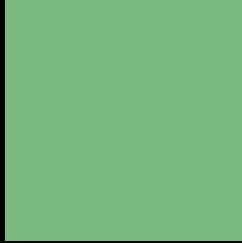
Large Text (above 18pt) WCAG AA × Fail

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 29.1290, 40.0035, 26.9551 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 29.1290, 40.0035, 26.9551

Background



This preview shows how black text looks on a background with the XYZ color 29.1290, 40.0035, 26.9551.



This preview shows how white text looks on a background with the XYZ color 29.1290, 40.0035,

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

29.1290, 40.0035, 26.9551

Protanopia

36.9922, 39.7262, 24.1306

Deuteranopia

40.2494, 39.4322, 28.0441



Tritanopia

34.6511, 39.8367, 54.5781

Trichromacy



Original Color

29.1290, 40.0035, 26.9551

Protanomaly

33.3349, 39.2264, 25.2165

Deuteranomaly

35.1171, 38.9614, 27.4992

Tritanomaly

32.3939, 39.8132, 43.0232

Monochromacy



Original Color

29.1290, 40.0035, 26.9551

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.2020, 36.2544, 33.3702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1290, 40.0035, 26.9551 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(122, 184, 129)` looks like.

```
.text, #text, p{  
    color:rgb(122, 184, 129)  
}
```

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(122, 184, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 184, 129) }
```

Border

The CSS property to change the border of an element to XYZ 29.1290, 40.0035, 26.9551 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(122, 184, 129) }
```


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

```
.border{ border-color:rgb(122, 184, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 184, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 184, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 184, 129); box-shadow:4px 4px 4px 4px rgb(122, 184, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1290, 40.0035, 26.9551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 184, 129) }
```

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

```
.background{ background-color: rgb(122,  
184, 129) }
```

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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