

Converting Colors

XYZ(29.2323, 41.1545, 26.4176)

Have a look what the booklet for
XYZ(29.2323, 41.1545, 26.4176)
contains.

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Color

**XYZ(29.2088, 40.9949,
26.4520)**

Conversions

Conversions Part 1

Format	Color
Hex	77BB7F
RGB	119, 187, 127
RGB Percent	47%, 73%, 50%
CMY	0.5333, 0.2667, 0.5020
CMYK	0.36, 0.00, 0.32, 0.27
HSL	127°, 33%, 60%
HSV	127°, 36%, 73%
XYZ	29.2088, 40.9949, 26.4520
YIQ	159.8280, -21.2680, -33.0760

Conversions

Conversions Part 2

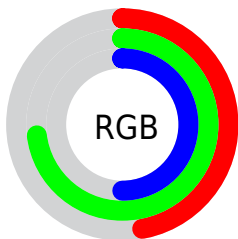
Format	Color
RYB	119, 180, 187
Decimal	7846783
CIELab	70.17, -34.02, 23.78
CIELCh	70, 41.506, 145.048
Yxy	40.9949, 0.3022, 0.4241
Android (android.graphics.Color)	4286036863 (0xFF77BB7F)
YUV	159.8280, -16.1842, -35.8062
Hunter-Lab	64.0273, -30.6172, 20.3242

Details

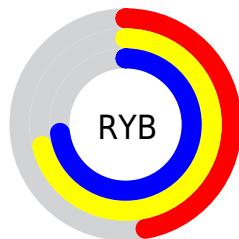
The XYZ color **29.2088, 40.9949, 26.4520** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **35.2283, 27.0139, 46.0067**, and the grayscale version is **33.4144, 35.1546, 38.2833**.

A 20% lighter version of the original color is **57.8225, 76.8809, 54.9719**, and **11.9739, 18.4691, 9.9550** is the 20% darker color. If you saturate the color by 10%, you get **25.9018, 39.4055, 21.1363**, and if you desaturate by 10%, it is **33.1990, 42.9185, 32.7207**.

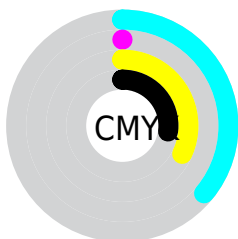
Distribution



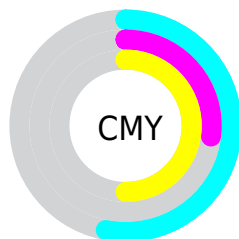
- Red (47%)
- Green (73%)
- Blue (50%)



- Red (47%)
- Yellow (71%)
- Blue (73%)



- Cyan (36%)
- Magenta (0%)
- Yellow (32%)
- Black (27%)



- Cyan (53%)
- Magenta (27%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2088, 40.9949, 26.4520 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 29.2088, 40.9949, 26.4520 by changing the saturation by 10% instead.

■ 29.2088, 40.9949,
26.4520

■ 29.2088, 40.9949,
26.4520

290.1753,
350.2993, 298.6697

■ 19.3839, 28.3151,
16.9333

■ 57.8039, 76.6762,
54.9962

■ 12.0537, 18.5633,
10.0255

■ 77.3049, 100.4464,
74.8589

■ 6.8527, 11.3552,
5.3100

■ 100.7619,
128.6822, 99.0066

■ 3.4157, 6.3063,
2.3684

128.5403,
161.7681, 127.8578

■ 1.3772, 3.0322,
0.7692

161.0055,
200.0883, 161.8312

■ 0.2399, 1.1486,
0.0000

198.5228,

■ 0.0000, 0.0191,

244.0273, 201.3453

0.0000

241.4577,
293.9695, 246.8186

■ 0.0000, 0.0000,
0.0000

■ 29.2088, 40.9949,
26.4520

■ 29.2088, 40.9949,
26.4520

■ 25.9018, 39.4055,
21.1363

■ 33.1990, 42.9185,
32.7207

■ 23.2366, 38.1264,
16.7245

■ 37.9046, 45.1885,
39.9831

■ 21.1720, 37.1387,
13.1670


■ 43.3595, 47.8225,
48.2807


■ 19.6608, 36.4191,
10.4084


■ 49.5944, 50.8358,
57.6518

■ 18.6486, 35.9410,
8.3870


■ 56.6386, 54.2425,
68.1329

 18.0659, 35.6700,
7.0315

 64.5195, 58.0561,
79.7587

 17.9160, 35.6002,
6.6865

 73.2635, 62.2895,
92.5624

 77.0611, 64.0223,
102.9037

Harmonies

Analogous

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



33.6917, 40.9949, 18.5992



29.2088, 40.9949, 26.4520



27.3459, 40.9949, 41.4845

Triad

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



29.2088, 40.9949, 26.4520



37.8477, 40.9949, 93.2416



52.0367, 40.9949, 30.5976

Complementary

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



29.2088, 40.9949, 26.4520



35.2283, 27.0139, 46.0067

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.



53.4805, 40.9949, 47.9442



29.2088, 40.9949, 26.4520



44.7605, 40.9949, 87.8288

Square

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



29.2088, 40.9949, 26.4520



31.9500, 40.9949, 82.8552



50.6812, 40.9949, 69.6809



46.9370, 40.9949, 20.4595

Rectangle

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



29.2088, 40.9949, 26.4520



27.6623, 40.9949, 55.0705



50.6812, 40.9949, 69.6809



52.9890, 40.9949, 35.6114

Sweetspot

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



29.2099, 40.9966, 26.4529



72.7799, 83.2923, 79.0781



39.7076, 46.4663, 24.3290



15.7368, 18.2021, 16.9720



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.



29.2099, 40.9966, 26.4529



47.2860, 71.0035, 39.3134



31.8064, 42.0352, 40.1258



9.4532, 10.6674, 10.3702



12.3581, 24.5335, 4.6825



0.4993, 0.9671, 0.2637

Inverse Universe

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



35.2283, 27.0139, 46.0067



59.7022, 42.1310, 79.6341



32.2075, 25.8055, 30.0992



9.8803, 9.6764, 11.7587



18.8169, 9.1579, 25.3932



0.7509, 0.3643, 1.0676

Previews

White Background



This preview shows how the XYZ color 29.2088, 40.9949, 26.4520 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 29.2088, 40.9949, 26.4520 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 29.2088, 40.9949, 26.4520

Background



This preview shows how black text looks on a background with the XYZ color 29.2088, 40.9949, 26.4520.



This preview shows how white text looks on a background with the XYZ color 29.2088, 40.9949,

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

29.2088, 40.9949, 26.4520

Protanopia

37.7202, 40.6722, 23.6318

Deuteranopia

41.2597, 40.4962, 27.4717



Tritanopia

35.2615, 40.9960, 56.5066

Trichromacy



Original Color

29.2088, 40.9949, 26.4520

Protanomaly

33.7945, 40.3479, 24.7457

Deuteranomaly

35.5764, 39.7747, 26.9213

Tritanomaly

32.6418, 40.8325, 43.6972

Monochromacy



Original Color

29.2088, 40.9949, 26.4520

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

31.3971, 36.9073, 33.4860

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2088, 40.9949, 26.4520 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(119, 187, 127)` looks like.

```
.text, #text, p{  
    color:rgb(119, 187, 127)  
}
```

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(119, 187, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 187, 127) }
```

Border

The CSS property to change the border of an element to XYZ 29.2088, 40.9949, 26.4520 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(119, 187, 127) }
```


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

```
.border{ border-color:rgb(119, 187, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 187, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 187, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 187, 127);  
box-shadow:4px 4px 4px 4px rgb(119, 187,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2088, 40.9949, 26.4520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 187, 127) }
```

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

```
.background{ background-color: rgb(119,  
187, 127) }
```

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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