

Converting Colors

XYZ(29.3875, 40.0347, 26.5190)

Have a look what the booklet for
XYZ(29.3875, 40.0347, 26.5190)
contains.

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Color

**XYZ(29.4942, 40.1995,
26.6268)**

Conversions

Conversions Part 1

Format	Color
Hex	7DB880
RGB	125, 184, 128
RGB Percent	49%, 72%, 50%
CMY	0.5098, 0.2784, 0.4980
CMYK	0.32, 0.00, 0.30, 0.28
HSL	123°, 29%, 61%
HSV	123°, 32%, 72%
XYZ	29.4942, 40.1995, 26.6268
YIQ	159.9750, -17.1880, -29.9240

Conversions

Conversions Part 2

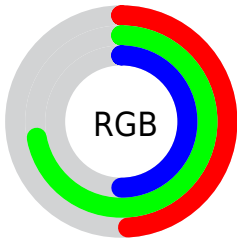
Format	Color
RYB	125, 181, 184
Decimal	8239232
CIELab	69.61, -30.51, 22.54
CIELCh	70, 37.928, 143.544
Yxy	40.1995, 0.3062, 0.4174
Android (android.graphics.Color)	4286429312 (0xFF7DB880)
YUV	159.9750, -15.7637, -30.6731
Hunter-Lab	63.4031, -27.9197, 19.4827

Details

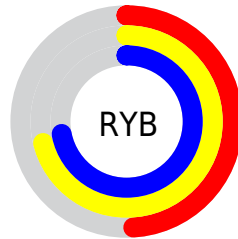
The XYZ color **29.4942, 40.1995, 26.6268** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **35.4426, 28.1946, 47.2917**, and the grayscale version is **33.4790, 35.2225, 38.3573**.

A 20% lighter version of the original color is **58.0910, 75.2401, 55.1771**, and **12.2391, 18.1991, 10.0754** is the 20% darker color. If you saturate the color by 10%, you get **26.0006, 38.5212, 20.9706**, and if you desaturate by 10%, it is **33.6854, 42.2169, 33.3502**.

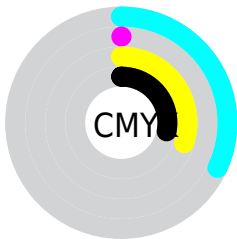
Distribution



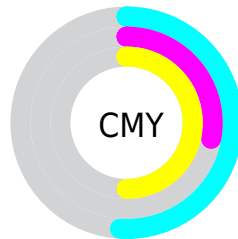
- Red (49%)
- Green (72%)
- Blue (50%)



- Red (49%)
- Yellow (71%)
- Blue (72%)



- Cyan (32%)
- Magenta (0%)
- Yellow (30%)
- Black (28%)





- Cyan (51%)
- Magenta (28%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.4942, 40.1995, 26.6268 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 29.4942, 40.1995, 26.6268 by changing the saturation by 10% instead.


 29.4942, 40.1995,
26.6268


 29.4942, 40.1995,
26.6268


291.4920,
346.9637, 299.5484


 19.6012, 27.6941,
17.0632


 58.2535, 75.4672,
55.2809

 12.2120, 18.0952,
10.1171

 77.8505, 98.9983,
75.2084

 6.9615, 11.0184,
5.3701


 101.4128,
126.9735, 99.4276

 3.4841, 6.0792,
2.4035

129.3058,
159.7771, 128.3571

 1.4147, 2.8933,
0.7883

161.8948,
197.7935, 162.4154

 0.2666, 1.0763,
0.0000

199.5453,

 0.0000, 0.0000,

241.4072, 202.0210

0.0000

242.6226,
291.0024, 247.5925

■ 29.4942, 40.1995,
26.6268

■ 29.4942, 40.1995,
26.6268

■ 26.0006, 38.5212,
20.9706

■ 33.6854, 42.2169,
33.3502

■ 23.1638, 37.1587,
16.3243

■ 38.6059, 44.5851,
41.1888

■ 20.9436, 36.0936,
12.6292


■ 44.2893, 47.3216,
50.1911


■ 19.2941, 35.3038,
9.8196


■ 50.7660, 50.4411,
60.4018

■ 18.1631, 34.7638,
7.8214


■ 58.0648, 53.9577,
71.8632

 17.4886, 34.4436,
6.5485

 66.2133, 57.8846,
84.6157

 17.1926, 34.3031,
5.9838

 75.2375, 62.2344,
98.6979

 76.4313, 62.7626,
102.6938

Harmonies

Analogous

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



33.6928, 40.1995, 19.5526



29.4942, 40.1995, 26.6268



27.6566, 40.1995, 40.0853

Triad

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



29.4942, 40.1995, 26.6268



36.8990, 40.1995, 86.5865



50.0587, 40.1995, 31.6283

Complementary

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



29.4942, 40.1995, 26.6268



35.4426, 28.1946, 47.2917

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.



51.1515, 40.1995, 47.6747



29.4942, 40.1995, 26.6268



43.1105, 40.1995, 82.5613

Square

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



29.4942, 40.1995, 26.6268



31.6267, 40.1995, 76.9042



48.4894, 40.1995, 67.0363



45.6452, 40.1995, 21.8543

Rectangle

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



29.4942, 40.1995, 26.6268



27.8610, 40.1995, 52.1576



48.4894, 40.1995, 67.0363



50.8448, 40.1995, 36.3343

Sweetspot

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



29.4952, 40.2012, 26.6277



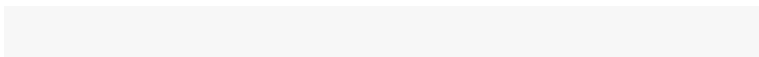
71.8288, 81.7086, 77.5965



39.9117, 45.5936, 26.0991



15.1912, 17.4733, 16.2622



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.



29.4952, 40.2012, 26.6277



49.1661, 70.8051, 41.3194



31.7234, 41.0924, 38.3608



8.9084, 10.0673, 9.6749



11.8564, 23.6435, 4.1659



0.4243, 0.8360, 0.1800

Inverse Universe

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



35.4426, 28.1946, 47.2917



61.5250, 45.8478, 84.2550



32.7327, 27.1106, 33.0215



9.3607, 9.1546, 11.2467



18.9401, 9.1498, 28.6350



0.6738, 0.3250, 1.0414

Previews

White Background



This preview shows how the XYZ color 29.4942, 40.1995, 26.6268 looks on a white background.

Color Contrast Check

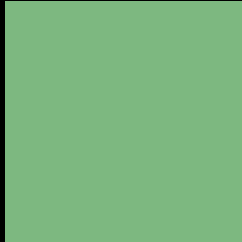
Large Text (above 18pt) WCAG AA × Fail

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 29.4942, 40.1995, 26.6268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

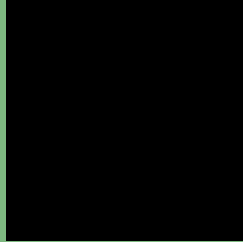
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.4942, 40.1995, 26.6268

Background



This preview shows how black text looks on a background with the XYZ color 29.4942, 40.1995, 26.6268.



This preview shows how white text looks on a background with the XYZ color 29.4942, 40.1995,

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

29.4942, 40.1995, 26.6268

Protanopia

36.9922, 39.7262, 24.1306

Deuteranopia

40.6195, 39.8936, 27.7497



Tritanopia

35.1361, 40.0867, 54.6008

Trichromacy



Original Color

29.4942, 40.1995, 26.6268

Protanomaly

33.4721, 39.3044, 24.8911

Deuteranomaly

35.4542, 39.4224, 27.2134

Tritanomaly

32.7680, 40.0168, 42.5562

Monochromacy



Original Color

29.4942, 40.1995, 26.6268

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

31.5659, 36.7171, 33.4404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4942, 40.1995, 26.6268 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, 184, 128)` looks like.

```
.text, #text, p{  
    color:rgb(125, 184, 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, 184, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 184, 128) }
```

Border

The CSS property to change the border of an element to XYZ 29.4942, 40.1995, 26.6268 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, 184, 128) }
```


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

```
.border{ border-color:rgb(125, 184, 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, 184, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 184, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 184, 128);  
box-shadow:4px 4px 4px 4px rgb(125, 184,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4942, 40.1995, 26.6268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 184, 128) }
```

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

```
.background{ background-color: rgb(125,  
184, 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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