

Converting Colors

XYZ(30.5395, 41.1742, 27.2388)

Have a look what the booklet for
XYZ(30.5395, 41.1742, 27.2388)
contains.

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Color

**XYZ(30.3647, 40.9500,
27.0726)**

Conversions

Conversions Part 1

Format	Color
Hex	81B981
RGB	129, 185, 129
RGB Percent	51%, 73%, 51%
CMY	0.4941, 0.2745, 0.4941
CMYK	0.30, 0.00, 0.30, 0.27
HSL	120°, 29%, 62%
HSV	120°, 30%, 73%
XYZ	30.3647, 40.9500, 27.0726
YIQ	161.8720, -15.4000, -29.2880

Conversions

Conversions Part 2

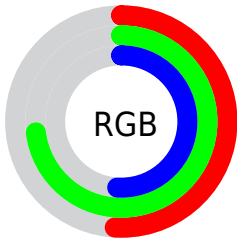
Format	Color
RYB	129, 185, 185
Decimal	8501633
CIELab	70.14, -29.49, 22.76
CIELCh	70, 37.249, 142.345
Yxy	40.9500, 0.3086, 0.4162
Android (android.graphics.Color)	4286691713 (0xFF81B981)
YUV	161.8720, -16.2059, -28.8287
Hunter-Lab	63.9922, -27.2869, 19.7112

Details

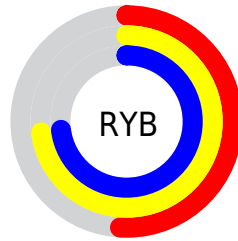
The XYZ color **30.3647, 40.9500, 27.0726** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.6162, 29.5185, 49.6685**, and the grayscale version is **34.3622, 36.1518, 39.3693**.

A 20% lighter version of the original color is **59.4272, 76.3553, 55.8619**, and **12.7231, 18.6448, 10.3254** is the 20% darker color. If you saturate the color by 10%, you get **26.6845, 39.1834, 21.0521**, and if you desaturate by 10%, it is **34.7785, 43.0714, 34.2913**.

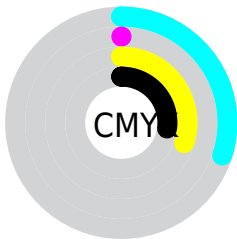
Distribution



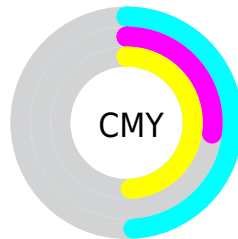
- Red (51%)
- Green (73%)
- Blue (51%)



- Red (51%)
- Yellow (73%)
- Blue (73%)



- Cyan (30%)
- Magenta (0%)
- Yellow (30%)
- Black (27%)



- Cyan (49%)
- Magenta (27%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.3647, 40.9500, 27.0726 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 30.3647, 40.9500, 27.0726 by changing the saturation by 10% instead.

■ 30.3647, 40.9500,
27.0726

■ 30.3647, 40.9500,
27.0726

295.4801,
350.1116, 301.7798

■ 20.2650, 28.2800,
17.3948

■ 59.6211, 76.6080,
56.0055

■ 12.6972, 18.5368,
10.3515

■ 79.5086, 100.3648,
76.0977

■ 7.2959, 11.3361,
5.5240

■ 103.3893,
128.5860, 100.4985

■ 3.6958, 6.2934,
2.4938

131.6288,
161.6559, 129.6264

■ 1.5315, 3.0243,
0.8369

164.5922,
199.9591, 163.8999

■ 0.3471, 1.1444,
0.0000

202.6450,

■ 0.0000, 0.0156,

243.8798, 203.7376

0.0000

246.1525,
293.8025, 249.5580

■ 0.0000, 0.0000,
0.0000

■ 30.3647, 40.9500,
27.0726

■ 30.3647, 40.9500,
27.0726

■ 26.6845, 39.1834,
21.0521

■ 34.7785, 43.0714,
34.2913

■ 23.6953, 37.7475,
16.1626

■ 39.9592, 45.5599,
42.7653

■ 21.3547, 36.6233,
12.3343

■ 45.9420, 48.4338,
52.5513

■ 19.6149, 35.7875,
9.4884

■ 52.7589, 51.7083,
63.7016

■ 18.4210, 35.2140,
7.5355

■ 60.4403, 55.3980,
76.2658

■ 17.7084, 34.8717,
6.3699

■ 69.0148, 59.5168,
90.2910

■ 17.3497, 34.6995,
5.7833

■ 76.6397, 63.1795,
102.7632

Harmonies

Analogous

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



34.6359, 40.9500, 20.1997



30.3647, 40.9500, 27.0726



28.4281, 40.9500, 40.2665

Triad

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



30.3647, 40.9500, 27.0726



37.3821, 40.9500, 86.7866



50.7927, 40.9500, 33.0105

Complementary

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



30.3647, 40.9500, 27.0726



36.6162, 29.5185, 49.6685

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.



51.7241, 40.9500, 49.2073



30.3647, 40.9500, 27.0726



43.5473, 40.9500, 83.3713

Square

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



30.3647, 40.9500, 27.0726



32.1952, 40.9500, 76.7711



48.9520, 40.9500, 68.3829



46.5255, 40.9500, 22.9520

Rectangle

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



30.3647, 40.9500, 27.0726



28.5633, 40.9500, 52.1518



48.9520, 40.9500, 68.3829



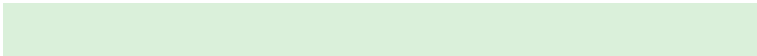
51.5231, 40.9500, 37.7926

Sweetspot

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



30.3658, 40.9517, 27.0735



72.6948, 82.1373, 78.4396



41.3208, 46.5992, 27.5861



15.3582, 17.5566, 16.3974



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.



30.3658, 40.9517, 27.0735



50.0694, 71.2692, 41.4316



32.4892, 41.8011, 38.2555



8.8904, 10.0601, 9.5801



11.8131, 23.6262, 3.9377



0.4164, 0.8329, 0.1388

Inverse Universe

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



36.6162, 29.5185, 49.6685



62.9751, 47.6625, 88.0848



33.9449, 28.4500, 35.6017



9.3810, 9.1628, 11.3536



19.5860, 9.4082, 32.0363



0.6905, 0.3317, 1.1294

Previews

White Background



This preview shows how the XYZ color 30.3647, 40.9500, 27.0726 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 30.3647, 40.9500, 27.0726 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 30.3647, 40.9500, 27.0726

Background



This preview shows how black text looks on a background with the XYZ color 30.3647, 40.9500, 27.0726.



This preview shows how white text looks on a background with the XYZ color 30.3647, 40.9500,

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

30.3647, 40.9500, 27.0726

Protanopia

37.9052, 40.7462, 24.6059

Deuteranopia

41.3980, 40.5515, 28.1996



Tritanopia

35.9413, 40.7813, 55.2675

Trichromacy



Original Color

30.3647, 40.9500, 27.0726

Protanomaly

34.5368, 40.4238, 25.3843

Deuteranomaly

36.3729, 40.1697, 27.6663

Tritanomaly

33.5425, 40.7039, 43.1346

Monochromacy



Original Color

30.3647, 40.9500, 27.0726

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

32.4574, 37.4355, 34.3692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3647, 40.9500, 27.0726 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(129, 185, 129)` looks like.

```
.text, #text, p{  
    color:rgb(129, 185, 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(129, 185, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 185, 129) }
```

Border

The CSS property to change the border of an element to XYZ 30.3647, 40.9500, 27.0726 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(129, 185, 129) }
```


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

```
.border{ border-color:rgb(129, 185, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 185, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 185, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 185, 129); box-shadow:4px 4px 4px 4px rgb(129, 185, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3647, 40.9500, 27.0726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 185, 129) }
```

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

```
.background{ background-color: rgb(129,  
185, 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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