

Converting Colors

XYZ(30.3369, 41.7710, 32.0549)

Have a look what the booklet for
XYZ(30.3369, 41.7710, 32.0549)
contains.

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Color

**XYZ(30.3369, 41.7710,
32.0549)**

Conversions

Conversions Part 1

Format	Color
Hex	76BC8E
RGB	118, 188, 142
RGB Percent	46%, 74%, 56%
CMY	0.5373, 0.2627, 0.4431
CMYK	0.37, 0.00, 0.24, 0.26
HSL	141°, 34%, 60%
HSV	141°, 37%, 74%
XYZ	30.3369, 41.7710, 32.0549
YIQ	161.8260, -26.9540, -29.1460

Conversions

Conversions Part 2

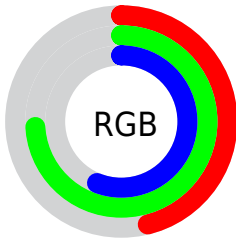
Format	Color
RYB	118, 170, 188
Decimal	7781518
CIELab	70.71, -32.06, 16.46
CIELCh	71, 36.037, 152.828
Yxy	41.7710, 0.2912, 0.4010
Android (android.graphics.Color)	4285971598 (0xFF76BC8E)
YUV	161.8260, -9.7742, -38.4354
Hunter-Lab	64.6305, -29.3173, 15.8352

Details

The XYZ color **30.3369, 41.7710, 32.0549** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **33.9197, 26.3294, 38.4178**, and the grayscale version is **34.3154, 36.1025, 39.3156**.

A 20% lighter version of the original color is **59.6295, 78.0610, 64.1490**, and **12.6368, 18.9467, 13.1163** is the 20% darker color. If you saturate the color by 10%, you get **27.1572, 40.2343, 27.3298**, and if you desaturate by 10%, it is **34.1305, 43.6146, 37.3473**.

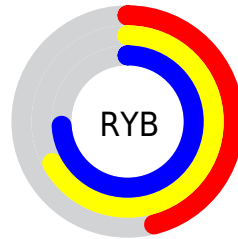
Distribution



Red (46%)

Green (74%)

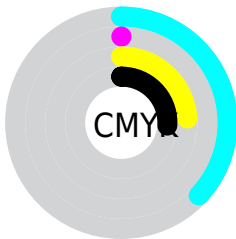
Blue (56%)



Red (46%)

Yellow (67%)

Blue (74%)

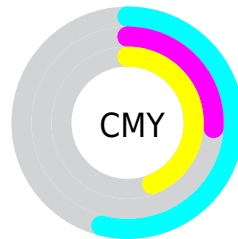


Cyan (37%)

Magenta (0%)

Yellow (24%)

Black (26%)



Cyan (54%)


Magenta (26%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3369, 41.7710, 32.0549 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 30.3369, 41.7710, 32.0549 by changing the saturation by 10% instead.


 30.3369, 41.7710,
32.0549


 30.3369, 41.7710,
32.0549


295.3534,
353.5328, 325.8697


 20.2438, 28.9220,
21.1383


 59.5775, 77.8529,
63.9961

 12.6817, 19.0218,
13.0329

 79.4558, 101.8547,
85.8577

 7.2852, 11.6861,
7.3202


 103.3264,
130.3428, 112.2047

 3.6890, 6.5303,
3.5817

131.5548,
163.7017, 143.4556

 1.5277, 3.1701,
1.3988

164.5064,
202.3157, 180.0291

 0.3446, 1.2212,
0.1408

202.5464,

 0.0000, 0.0789,

246.5693, 222.3435

0.0000

246.0403,
296.8469, 270.8176

■ 0.0000, 0.0000,
0.0000

■ 30.3369, 41.7710,
32.0549

■ 30.3369, 41.7710,
32.0549

■ 27.1572, 40.2343,
27.3298

■ 34.1305, 43.6146,
37.3473

■ 24.5543, 38.9823,
23.1501

■ 38.5658, 45.7757,
43.2222

■ 22.4923, 37.9979,
19.4968

■ 43.6727, 48.2703,
49.6979

■ 20.9293, 37.2603,
16.3483

■ 49.4783, 51.1123,
56.7909

■ 19.8171, 36.7448,
13.6818

■ 56.0084, 54.3144,
64.5170

■ 19.0887, 36.4174,
11.4719

■ 63.2870, 57.8888,
72.8916

■ 18.9225, 36.3434,
10.9367

■ 71.3374, 61.8473,
81.9294

■ 75.0771, 63.5693,
91.4059

■ 76.9845, 64.3322,
101.4498

Harmonies

Analogous

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



33.7962, 41.7710, 23.0647



30.3369, 41.7710, 32.0549



29.3013, 41.7710, 47.1235

Triad

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



30.3369, 41.7710, 32.0549



40.2713, 41.7710, 86.8732



50.1549, 41.7710, 29.8803

Complementary

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



30.3369, 41.7710, 32.0549



33.9197, 26.3294, 38.4178

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.



52.3119, 41.7710, 43.8782



30.3369, 41.7710, 32.0549



46.2587, 41.7710, 79.0938

Square

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



30.3369, 41.7710, 32.0549



34.6853, 41.7710, 81.4635



50.8199, 41.7710, 62.2146



45.1807, 41.7710, 22.0482

Rectangle

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



30.3369, 41.7710, 32.0549



30.0304, 41.7710, 59.4716



50.8199, 41.7710, 62.2146



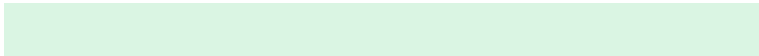
51.2549, 41.7710, 33.8779

Sweetspot

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



30.3380, 41.7727, 32.0558



75.3466, 85.6214, 85.3040



36.7025, 45.2400, 23.9377



15.9323, 18.2803, 18.0015



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.



30.3380, 41.7727, 32.0558



50.0115, 73.2992, 50.7481



33.3252, 42.9676, 47.7863



9.5402, 10.7022, 10.8280



12.9146, 24.7561, 7.6131



0.5371, 0.9822, 0.4627

Inverse Universe

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



33.9197, 26.3294, 38.4178



57.4666, 41.1107, 63.9579



31.2256, 25.2518, 24.2308



9.7872, 9.6392, 11.2683



16.6136, 8.2766, 13.7906



0.6803, 0.3360, 0.6959

Previews

White Background



This preview shows how the XYZ color 30.3369, 41.7710, 32.0549 looks on a white background.

Color Contrast Check

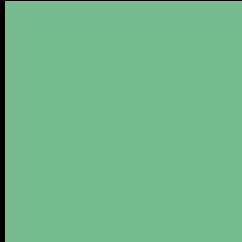
Large Text (above 18pt) WCAG AA × Fail

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 30.3369, 41.7710, 32.0549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

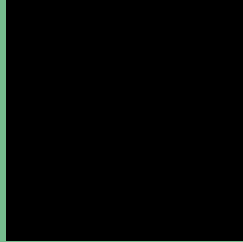
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.3369, 41.7710, 32.0549

Background



This preview shows how black text looks on a background with the XYZ color 30.3369, 41.7710, 32.0549.

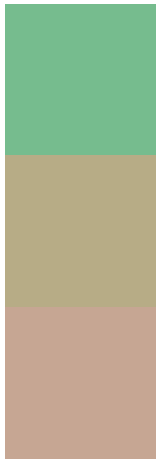


This preview shows how white text looks on a background with the XYZ color 30.3369, 41.7710,

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

30.3369, 41.7710, 32.0549

Protanopia

38.5840, 41.2936, 28.4911

Deuteranopia

42.1914, 41.3848, 33.3681



Tritanopia

35.4275, 41.6550, 57.8028

Trichromacy



Original Color

30.3369, 41.7710, 32.0549

Protanomaly

34.7338, 41.0179, 29.7535

Deuteranomaly

36.6091, 40.7515, 32.7244

Tritanomaly

33.4344, 41.7755, 47.3756

Monochromacy



Original Color

30.3369, 41.7710, 32.0549

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

32.3334, 37.6034, 36.5644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3369, 41.7710, 32.0549 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(118, 188, 142)` looks like.

```
.text, #text, p{  
    color:rgb(118, 188, 142)  
}
```

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(118, 188, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 188, 142) }
```

Border

The CSS property to change the border of an element to XYZ 30.3369, 41.7710, 32.0549 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(118, 188, 142) }
```


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

```
.border{ border-color:rgb(118, 188, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 188, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 188, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 188, 142);  
box-shadow:4px 4px 4px 4px rgb(118, 188,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3369, 41.7710, 32.0549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 188, 142) }
```

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

```
.background{ background-color: rgb(118,  
188, 142) }
```

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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