

Converting Colors

XYZ(29.6503, 41.0430, 24.0457)

Have a look what the booklet for
XYZ(29.6503, 41.0430, 24.0457)
contains.

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Color

**XYZ(29.5533, 40.9095,
24.1080)**

Conversions

Conversions Part 1

Format	Color
Hex	7EBA78
RGB	126, 186, 120
RGB Percent	49%, 73%, 47%
CMY	0.5059, 0.2706, 0.5294
CMYK	0.32, 0.00, 0.35, 0.27
HSL	115°, 32%, 60%
HSV	115°, 35%, 73%
XYZ	29.5533, 40.9095, 24.1080
YIQ	160.5360, -14.5740, -33.2460

Conversions

Conversions Part 2

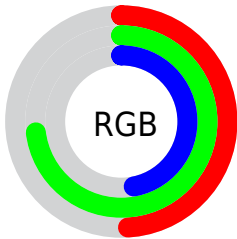
Format	Color
RYB	120, 186, 180
Decimal	8305272
CIELab	70.11, -32.44, 27.48
CIELCh	70, 42.512, 139.736
Yxy	40.9095, 0.3125, 0.4326
Android (android.graphics.Color)	4286495352 (0xFF7EBA78)
YUV	160.5360, -19.9842, -30.2881
Hunter-Lab	63.9605, -29.4541, 22.4248

Details

The XYZ color **29.5533, 40.9095, 24.1080** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **34.4035, 26.6826, 49.7935**, and the grayscale version is **33.7565, 35.5144, 38.6752**.

A 20% lighter version of the original color is **58.1173, 76.2247, 51.1849**, and **12.2126, 18.4133, 8.8717** is the 20% darker color. If you saturate the color by 10%, you get **26.2463, 39.3239, 18.6223**, and if you desaturate by 10%, it is **33.5032, 42.8036, 30.7701**.

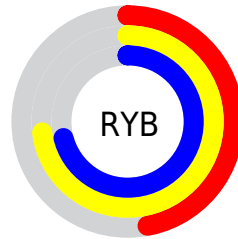
Distribution



Red (49%)

Green (73%)

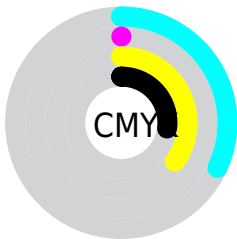
Blue (47%)



Red (47%)

Yellow (73%)

Blue (71%)

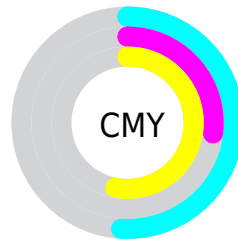


Cyan (32%)

Magenta (0%)

Yellow (35%)

Black (27%)



Cyan (51%)

Magenta (27%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5533, 40.9095, 24.1080 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 29.5533, 40.9095, 24.1080 by changing the saturation by 10% instead.

■ 29.5533, 40.9095,
24.1080

■ 29.5533, 40.9095,
24.1080

291.7640,
349.9422, 286.6702

■ 19.6462, 28.2484,
15.2008

■ 58.3465, 76.5465,
51.1524

■ 12.2449, 18.5130,
8.8123

■ 77.9633, 100.2912,
70.1267

■ 6.9841, 11.3189,
4.5238

■ 101.5474,
128.4991, 93.2938

■ 3.4984, 6.2818,
1.9169

129.4640,
161.5548, 121.0723

■ 1.4225, 3.0172,
0.5034

162.0787,
199.8425, 153.8806

■ 0.2721, 1.1407,
0.0000

199.7567,

■ 0.0000, 0.0125,

243.7467, 192.1373

0.0000

242.8633,
293.6518, 236.2610

■ 0.0000, 0.0000,
0.0000

■ 29.5533, 40.9095,
24.1080

■ 29.5533, 40.9095,
24.1080

■ 26.2463, 39.3239,
18.6223

■ 33.5032, 42.8036,
30.7701

■ 23.5452, 38.0256,
14.2421

■ 38.1242, 45.0158,
38.6687

■ 21.4138, 36.9987,
10.8933


■ 43.4468, 47.5617,
47.8627


■ 19.8111, 36.2240,
8.4914


■ 49.4985, 50.4544,
58.4067


■ 18.6901, 35.6793,
6.9386


■ 56.3056, 53.7062,
70.3521

 17.9955, 35.3387,
6.1138

 63.8927, 57.3288,
83.7476

 17.7892, 35.2377,
5.8640

 72.2836, 61.3336,
98.6396

 76.8497, 63.5994,
102.8332

Harmonies

Analogous

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



34.5438, 40.9095, 17.3627



29.5533, 40.9095, 24.1080



27.1626, 40.9095, 38.0678

Triad

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



29.5533, 40.9095, 24.1080



36.5510, 40.9095, 93.7989



52.8632, 40.9095, 32.8314

Complementary

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



29.5533, 40.9095, 24.1080



34.4035, 26.6826, 49.7935

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.



53.5671, 40.9095, 51.7148



29.5533, 40.9095, 24.1080



43.5717, 40.9095, 91.1376

Square

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



29.5533, 40.9095, 24.1080



30.8718, 40.9095, 80.5855



49.9953, 40.9095, 74.1319



48.1731, 40.9095, 21.2607

Rectangle

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



29.5533, 40.9095, 24.1080



27.1458, 40.9095, 51.3328



49.9953, 40.9095, 74.1319



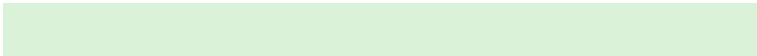
53.5936, 40.9095, 38.3809

Sweetspot

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



29.5543, 40.9112, 24.1089



73.0907, 83.4997, 76.9614



39.8420, 44.1979, 24.2011



15.8121, 18.2523, 16.4588



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.



29.5543, 40.9112, 24.1089



48.5516, 71.7446, 35.3652



30.5254, 41.2005, 33.7023



8.9640, 10.0981, 9.5836



11.9964, 23.7207, 3.9463



0.4484, 0.8493, 0.1403

Inverse Universe

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



34.4035, 26.6826, 49.7935



58.6980, 41.9134, 89.1978



33.2778, 26.3972, 36.4172



9.2983, 9.1201, 11.3497



17.0173, 8.0839, 31.9165



0.6236, 0.2972, 1.1262

Previews

White Background



This preview shows how the XYZ color 29.5533, 40.9095, 24.1080 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 29.5533, 40.9095, 24.1080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

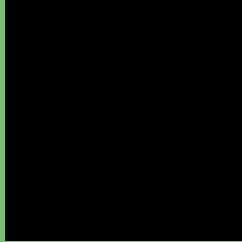
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.5533, 40.9095, 24.1080

Background



This preview shows how black text looks on a background with the XYZ color 29.5533, 40.9095, 24.1080.



This preview shows how white text looks on a background with the XYZ color 29.5533, 40.9095,

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

29.5533, 40.9095, 24.1080

Protanopia

37.6078, 40.6550, 21.7846

Deuteranopia

41.3343, 40.5881, 25.0578



Tritanopia

35.7736, 40.6948, 55.2596

Trichromacy



Original Color

29.5533, 40.9095, 24.1080

Protanomaly

33.9876, 40.2041, 22.4918

Deuteranomaly

35.7832, 39.9338, 24.5609

Tritanomaly

32.9443, 40.4275, 41.6642

Monochromacy



Original Color

29.5533, 40.9095, 24.1080

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

31.7758, 37.1207, 32.6844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5533, 40.9095, 24.1080 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(126, 186, 120)` looks like.

```
.text, #text, p{  
    color:rgb(126, 186, 120)  
}
```

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(126, 186, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 186, 120) }
```

Border

The CSS property to change the border of an element to XYZ 29.5533, 40.9095, 24.1080 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(126, 186, 120) }
```


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

```
.border{ border-color:rgb(126, 186, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 186, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 186, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 186, 120);  
box-shadow:4px 4px 4px 4px rgb(126, 186,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5533, 40.9095, 24.1080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 186, 120) }
```

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

```
.background{ background-color: rgb(126,  
186, 120) }
```

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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