

Converting Colors

XYZ(29.0337, 40.7587, 24.5117)

Have a look what the booklet for
XYZ(29.0337, 40.7587, 24.5117)
contains.

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Color

**XYZ(28.8953, 40.5632,
24.3957)**

Conversions

Conversions Part 1

Format	Color
Hex	79BA79
RGB	121, 186, 121
RGB Percent	47%, 73%, 47%
CMY	0.5255, 0.2706, 0.5255
CMYK	0.35, 0.00, 0.35, 0.27
HSL	120°, 32%, 60%
HSV	120°, 35%, 73%
XYZ	28.8953, 40.5632, 24.3957
YIQ	159.1550, -17.8750, -33.9950

Conversions

Conversions Part 2

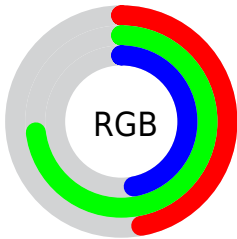
Format	Color
RYB	121, 186, 186
Decimal	7977593
CIELab	69.87, -33.92, 26.58
CIELCh	70, 43.093, 141.924
Yxy	40.5632, 0.3079, 0.4322
Android (android.graphics.Color)	4286167673 (0xFF79BA79)
YUV	159.1550, -18.8104, -33.4619
Hunter-Lab	63.6892, -30.4722, 21.8719

Details

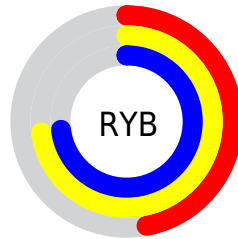
The XYZ color **28.8953, 40.5632, 24.3957** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **35.9514, 27.6600, 49.9002**, and the grayscale version is **33.1157, 34.8403, 37.9411**.

A 20% lighter version of the original color is **57.3698, 76.2711, 51.7425**, and **11.8752, 18.2356, 9.0248** is the 20% darker color. If you saturate the color by 10%, you get **25.5030, 38.9349, 18.8461**, and if you desaturate by 10%, it is **33.0122, 42.5420, 31.1289**.

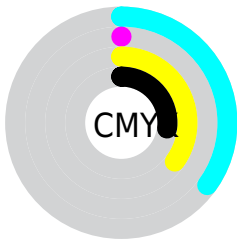
Distribution



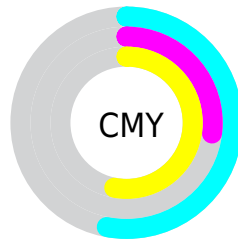
- Red (47%)
- Green (73%)
- Blue (47%)



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



- Cyan (35%)
- Magenta (0%)
- Yellow (35%)
- Black (27%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.8953, 40.5632, 24.3957 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 28.8953, 40.5632, 24.3957 by changing the saturation by 10% instead.


 28.8953, 40.5632,
24.3957


 28.8953, 40.5632,
24.3957


288.7238,
348.4917, 288.1657

 19.1455, 27.9779,
15.4125


 57.3094, 76.0204,
51.6271

 11.8801, 18.3090,
8.9596


 76.7044, 99.6611,
70.7123

 6.7337, 11.1721,
4.6184


 100.0453,
127.7557, 94.0020

 3.3410, 6.1827,
1.9703

127.6972,
160.6887, 121.9146

 1.3365, 2.9565,
0.5370

160.0257,
198.8444, 154.8688

 0.2103, 1.1091,
0.0000

197.3961,

 0.0000, 0.0000,

242.6072, 193.2830

0.0000

240.1736,
292.3615, 237.5757

■ 28.8953, 40.5632,
24.3957

■ 28.8953, 40.5632,
24.3957

■ 25.5030, 38.9349,
18.8461

■ 33.0122, 42.5420,
31.1289

■ 22.7905, 37.6320,
14.4093

■ 37.8890, 44.8846,
39.1058

■ 20.7129, 36.6340,
11.0110


■ 43.5623, 47.6097,
48.3855


■ 19.2187, 35.9162,
8.5669


■ 50.0655, 50.7336,
59.0227


■ 18.2482, 35.4501,
6.9794

■ 57.4302, 54.2712,
71.0689

 17.7288, 35.2006,
6.1299

 65.6860, 58.2369,
84.5728

 17.5597, 35.1193,
5.8533

 74.8615, 62.6443,
99.5810

 76.8497, 63.5993,
102.8332

Harmonies

Analogous

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



33.7415, 40.5632, 17.1797



28.8953, 40.5632, 24.3957



26.6990, 40.5632, 38.9665

Triad

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



28.8953, 40.5632, 24.3957



36.6929, 40.5632, 94.4125



52.4447, 40.5632, 31.2749

Complementary

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



28.8953, 40.5632, 24.3957



35.9514, 27.6600, 49.9002

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.



53.4831, 40.5632, 49.8095



28.8953, 40.5632, 24.3957



43.8038, 40.5632, 90.4751

Square

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



28.8953, 40.5632, 24.3957



30.8312, 40.5632, 82.0136



50.1561, 40.5632, 72.4764



47.4697, 40.5632, 20.2318

Rectangle

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



28.8953, 40.5632, 24.3957



26.8221, 40.5632, 52.6234



50.1561, 40.5632, 72.4764



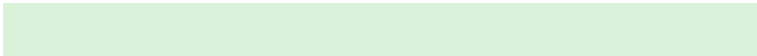
53.2881, 40.5632, 36.6678

Sweetspot

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



28.8963, 40.5649, 24.3966



73.4057, 83.6257, 78.6194



41.2615, 46.9394, 24.9751



15.8496, 18.2642, 16.7971



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.



28.8963, 40.5649, 24.3966



47.4981, 71.1810, 36.2428



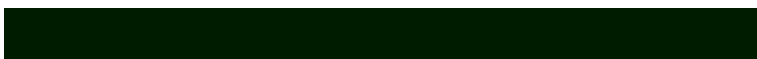
31.2364, 41.5009, 36.7192



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.



35.9514, 27.6600, 49.9002



62.2204, 44.2514, 89.4628



32.8795, 26.4312, 33.7239



9.3810, 9.1628, 11.3536



19.5860, 9.4081, 32.0362



0.6905, 0.3317, 1.1294

Previews

White Background



This preview shows how the XYZ color 28.8953, 40.5632, 24.3957 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 28.8953, 40.5632, 24.3957 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 28.8953, 40.5632, 24.3957

Background



This preview shows how black text looks on a background with the XYZ color 28.8953, 40.5632, 24.3957.



This preview shows how white text looks on a background with the XYZ color 28.8953, 40.5632,

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

28.8953, 40.5632, 24.3957

Protanopia

37.1792, 40.1547, 21.7107

Deuteranopia

40.9505, 40.1183, 25.3239



Tritanopia

35.0681, 40.3184, 55.8031

Trichromacy



Original Color

28.8953, 40.5632, 24.3957

Protanomaly

33.4342, 39.9121, 22.7713

Deuteranomaly

35.2143, 39.3517, 24.8084

Tritanomaly

32.2575, 40.0628, 42.1091

Monochromacy



Original Color

28.8953, 40.5632, 24.3957

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

30.9759, 36.4400, 32.1891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8953, 40.5632, 24.3957 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(121, 186, 121)` looks like.

```
.text, #text, p{  
    color:rgb(121, 186, 121)  
}
```

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(121, 186, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 186, 121) }
```

Border

The CSS property to change the border of an element to XYZ 28.8953, 40.5632, 24.3957 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(121, 186, 121) }
```


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

```
.border{ border-color:rgb(121, 186, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 186, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 186, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 186, 121);  
box-shadow:4px 4px 4px 4px rgb(121, 186,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8953, 40.5632, 24.3957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 186, 121) }
```

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

```
.background{ background-color: rgb(121,  
186, 121) }
```

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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