

Converting Colors

XYZ(28.8995, 39.7027, 32.1541)

Have a look what the booklet for
XYZ(28.8995, 39.7027, 32.1541)
contains.

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Color

**XYZ(28.9085, 39.7749,
32.1403)**

Conversions

Conversions Part 1

Format	Color
Hex	71B88F
RGB	113, 184, 143
RGB Percent	44%, 72%, 56%
CMY	0.5569, 0.2784, 0.4392
CMYK	0.39, 0.00, 0.22, 0.28
HSL	145°, 33%, 58%
HSV	145°, 39%, 72%
XYZ	28.9085, 39.7749, 32.1403
YIQ	158.0970, -29.1550, -27.8030

Conversions

Conversions Part 2

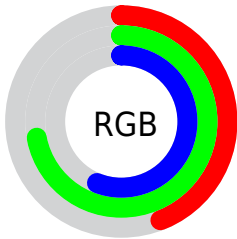
Format	Color
RYB	113, 163, 184
Decimal	7452815
CIELab	69.31, -31.46, 13.92
CIELCh	69, 34.400, 156.133
Yxy	39.7749, 0.2867, 0.3945
Android (android.graphics.Color)	4285642895 (0xFF71B88F)
YUV	158.0970, -7.4428, -39.5501
Hunter-Lab	63.0673, -28.5479, 13.9318

Details

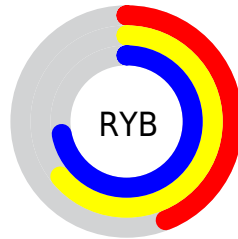
The XYZ color **28.9085, 39.7749, 32.1403** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **31.5064, 24.3347, 33.6100**, and the grayscale version is **32.5865, 34.2835, 37.3347**.

A 20% lighter version of the original color is **57.1745, 74.5669, 64.2028**, and **11.8219, 17.7162, 13.1524** is the 20% darker color. If you saturate the color by 10%, you get **26.0099, 38.3703, 28.0002**, and if you desaturate by 10%, it is **32.3655, 41.4607, 36.7063**.

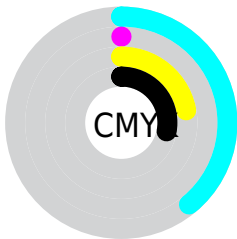
Distribution



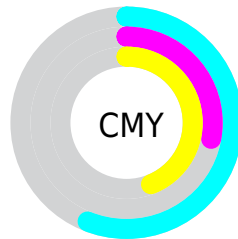
- Red (44%)
- Green (72%)
- Blue (56%)



- Red (44%)
- Yellow (64%)
- Blue (72%)



- Cyan (39%)
- Magenta (0%)
- Yellow (22%)
- Black (28%)





- Cyan (56%)
- Magenta (28%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.9085, 39.7749, 32.1403 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 28.9085, 39.7749, 32.1403 by changing the saturation by 10% instead.


 28.9085, 39.7749,
32.1403


 28.9085, 39.7749,
32.1403


288.7850,
345.1739, 326.2703


 19.1555, 27.3631,
21.2030


 57.3302, 74.8206,
64.1314

 11.8874, 17.8461,
13.0798


 76.7297, 98.2233,
86.0223

 6.7387, 10.8395,
7.3521


 100.0755,
126.0584, 112.4015

 3.3441, 5.9590,
3.6015

127.7328,
158.7103, 143.6875

 1.3382, 2.8202,
1.4094

160.0670,
196.5634, 180.2988

 0.2116, 1.0386,
0.1490

197.4436,

 0.0000, 0.0000,

240.0021, 222.6540

0.0000

240.2278,
289.4108, 271.1716

■ 28.9085, 39.7749,
32.1403

■ 28.9085, 39.7749,
32.1403

■ 26.0099, 38.3703,
28.0002

■ 32.3655, 41.4607,
36.7063

■ 23.6351, 37.2262,
24.2709

■ 36.4063, 43.4373,
41.7074

■ 21.7507, 36.3265,
20.9402

■ 41.0589, 45.7200,
47.1560

■ 20.3176, 35.6515,
17.9940

■ 46.3482, 48.3214,
53.0630

■ 19.2906, 35.1779,
15.4178

■ 52.2977, 51.2536,
59.4391

■ 18.5941, 34.8674,
13.1944

■ 58.9300, 54.5278,
66.2944

■ 18.5073, 34.8289,
12.9072

■ 66.2662, 58.1548,
73.6390

■ 72.3859, 61.1444,
81.3915

■ 73.9072, 61.7529,
89.4021

Harmonies

Analogous

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



31.8872, 39.7749, 23.1105



28.9085, 39.7749, 32.1403



28.2064, 39.7749, 46.6365

Triad

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



28.9085, 39.7749, 32.1403



38.9498, 39.7749, 81.0906



47.0377, 39.7749, 27.7477

Complementary

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



28.9085, 39.7749, 32.1403



31.5064, 24.3347, 33.6100

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.



49.3658, 39.7749, 40.1419



28.9085, 39.7749, 32.1403



44.4127, 39.7749, 72.7769

Square

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



28.9085, 39.7749, 32.1403



33.6724, 39.7749, 77.4630



48.3614, 39.7749, 56.8027



42.2623, 39.7749, 21.0397

Rectangle

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



28.9085, 39.7749, 32.1403



29.0571, 39.7749, 58.1183



48.3614, 39.7749, 56.8027



48.1526, 39.7749, 31.2554

Sweetspot

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



28.9096, 39.7765, 32.1412



71.2488, 81.3157, 81.8156



33.5284, 42.3860, 22.0375



15.1233, 17.4139, 17.3619



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.



28.9096, 39.7765, 32.1412



48.0309, 69.9808, 52.0640



31.9961, 41.0112, 48.3948



9.0436, 10.1214, 10.3868



12.7883, 24.0163, 9.0732



0.4819, 0.8591, 0.4835

Inverse Universe

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



31.5064, 24.3347, 33.6100



53.3796, 38.1442, 55.0666



28.9982, 23.3314, 20.4022



9.2161, 9.0968, 10.4855



15.4615, 7.7583, 10.3168



0.5753, 0.2856, 0.5228

Previews

White Background



This preview shows how the XYZ color 28.9085, 39.7749, 32.1403 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 28.9085, 39.7749, 32.1403 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

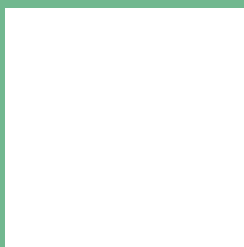
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.9085, 39.7749, 32.1403

Background



This preview shows how black text looks on a background with the XYZ color 28.9085, 39.7749, 32.1403.



This preview shows how white text looks on a background with the XYZ color 28.9085, 39.7749,

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

28.9085, 39.7749, 32.1403

Protanopia

36.9662, 39.3382, 28.5664

Deuteranopia

40.0039, 39.1852, 33.4721



Tritanopia

33.5487, 39.5351, 55.7320

Trichromacy



Original Color

28.9085, 39.7749, 32.1403

Protanomaly

33.2411, 39.0756, 29.8351

Deuteranomaly

34.6673, 38.6113, 32.8197

Tritanomaly

31.7070, 39.6916, 46.0345

Monochromacy



Original Color

28.9085, 39.7749, 32.1403

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

30.7238, 35.6881, 35.4062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9085, 39.7749, 32.1403 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(113, 184, 143)` looks like.

```
.text, #text, p{  
    color:rgb(113, 184, 143)  
}
```

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(113, 184, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 184, 143) }
```

Border

The CSS property to change the border of an element to XYZ 28.9085, 39.7749, 32.1403 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(113, 184, 143) }
```


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

```
.border{ border-color:rgb(113, 184, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 184, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 184, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 184, 143);  
box-shadow:4px 4px 4px 4px rgb(113, 184,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9085, 39.7749, 32.1403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 184, 143) }
```

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

```
.background{ background-color: rgb(113,  
184, 143) }
```

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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