

Converting Colors

XYZ(29.3094, 39.5197, 28.3882)

Have a look what the booklet for
XYZ(29.3094, 39.5197, 28.3882)
contains.

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Color

**XYZ(29.2738, 39.4344,
28.2590)**

Conversions

Conversions Part 1

Format	Color
Hex	7CB685
RGB	124, 182, 133
RGB Percent	49%, 71%, 52%
CMY	0.5137, 0.2863, 0.4784
CMYK	0.32, 0.00, 0.27, 0.29
HSL	129°, 28%, 60%
HSV	129°, 32%, 71%
XYZ	29.2738, 39.4344, 28.2590
YIQ	159.0720, -18.8390, -27.5350

Conversions

Conversions Part 2

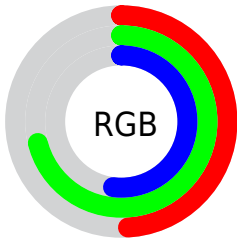
Format	Color
RYB	124, 174, 182
Decimal	8173189
CIELab	69.06, -29.00, 19.09
CIELCh	69, 34.715, 146.641
Yxy	39.4344, 0.3019, 0.4067
Android (android.graphics.Color)	4286363269 (0xFF7CB685)
YUV	159.0720, -12.8535, -30.7581
Hunter-Lab	62.7968, -26.6836, 17.2769

Details

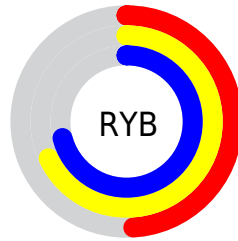
The XYZ color **29.2738, 39.4344, 28.2590** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **34.0433, 27.3785, 43.0272**, and the grayscale version is **33.0516, 34.7728, 37.8676**.

A 20% lighter version of the original color is **57.7976, 74.1592, 57.7223**, and **12.1592, 17.7415, 10.9672** is the 20% darker color. If you saturate the color by 10%, you get **25.8967, 37.8085, 22.9559**, and if you desaturate by 10%, it is **33.2940, 41.3761, 34.4057**.

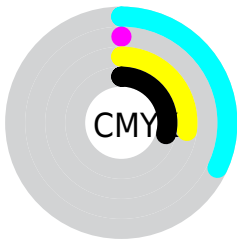
Distribution



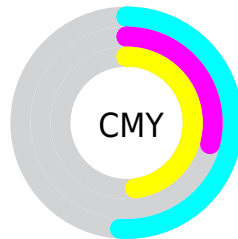
- Red (49%)
- Green (71%)
- Blue (52%)



- Red (49%)
- Yellow (68%)
- Blue (71%)



- Cyan (32%)
- Magenta (0%)
- Yellow (27%)
- Black (29%)



- Cyan (51%)
- Magenta (29%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2738, 39.4344, 28.2590 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 29.2738, 39.4344, 28.2590 by changing the saturation by 10% instead.

■ 29.2738, 39.4344,
28.2590

■ 29.2738, 39.4344,
28.2590

290.4756,
343.7339, 307.6532

■ 19.4334, 27.0978,
18.2802

■ 57.9064, 74.3015,
57.9258

■ 12.0897, 17.6467,
10.9799

■ 77.4292, 97.6008,
78.4508

■ 6.8774, 10.6966,
5.9393

■ 100.9102,
125.3231, 103.3284

■ 3.4312, 5.8632,
2.7400

128.7148,
157.8528, 132.9771

■ 1.3857, 2.7621,
0.9635

161.2083,
195.5744, 167.8154

■ 0.2460, 1.0088,
0.0000

198.7560,

■ 0.0000, 0.0000,

238.8721, 208.2618

0.0000

241.7233,
288.1305, 254.7349

■ 29.2738, 39.4344,
28.2590

■ 29.2738, 39.4344,
28.2590

■ 25.8967, 37.8085,
22.9559

■ 33.2940, 41.3761,
34.4057

■ 23.1261, 36.4769,
18.4571

■ 37.9851, 43.6439,
41.4277

■ 20.9265, 35.4233,
14.7241


■ 43.3772, 46.2537,
49.3586


■ 19.2574, 34.6277,
11.7140


■ 49.4977, 49.2189,
58.2291


■ 18.0726, 34.0674,
9.3800


■ 56.3723, 52.5522,
68.0687

 17.3182, 33.7155,
7.6695

 64.0255, 56.2657,
78.9054

 16.9412, 33.5424,
6.6952

 72.4808, 60.3708,
90.7663

 76.0187, 61.9374,
102.5562

Harmonies

Analogous

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



32.9073, 39.4344, 21.0438



29.2738, 39.4344, 28.2590



27.8262, 39.4344, 41.1754

Triad

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



29.2738, 39.4344, 28.2590



36.8608, 39.4344, 81.1333



47.8251, 39.4344, 30.6656

Complementary

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



29.2738, 39.4344, 28.2590



34.0433, 27.3785, 43.0272

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.



49.1452, 39.4344, 44.7488



29.2738, 39.4344, 28.2590



42.4604, 39.4344, 76.3627

Square

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



29.2738, 39.4344, 28.2590



31.9265, 39.4344, 73.7700



47.0950, 39.4344, 61.9801



43.6455, 39.4344, 22.1740

Rectangle

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



29.2738, 39.4344, 28.2590



28.1783, 39.4344, 52.2739



47.0950, 39.4344, 61.9801



48.6348, 39.4344, 34.7845

Sweetspot

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



29.2748, 39.4361, 28.2599



70.4339, 79.8823, 77.4305



37.6676, 43.8315, 25.5443



15.2701, 17.5049, 16.6777



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.



29.2748, 39.4361, 28.2599



48.8006, 69.4352, 44.5560



31.5363, 40.3406, 40.1685



8.9457, 10.0822, 9.8712



11.9794, 23.6927, 4.8134



0.4403, 0.8424, 0.2644

Inverse Universe

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



34.0433, 27.3785, 43.0272



58.7558, 44.2448, 75.3732



31.5573, 26.3841, 29.9362



9.3194, 9.1381, 11.0295



17.7482, 8.6730, 22.3586



0.6420, 0.3123, 0.8742

Previews

White Background



This preview shows how the XYZ color 29.2738, 39.4344, 28.2590 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 29.2738, 39.4344, 28.2590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

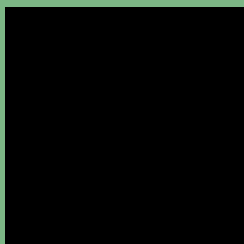
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.2738, 39.4344, 28.2590

Background



This preview shows how black text looks on a background with the XYZ color 29.2738, 39.4344, 28.2590.



This preview shows how white text looks on a background with the XYZ color 29.2738, 39.4344,

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

29.2738, 39.4344, 28.2590

Protanopia

36.5909, 39.2149, 25.3794

Deuteranopia

39.7659, 38.8980, 29.0791



Tritanopia

34.5070, 39.4850, 53.9468

Trichromacy



Original Color

29.2738, 39.4344, 28.2590

Protanomaly

33.4032, 38.9457, 26.5256

Deuteranomaly

34.9941, 38.5885, 28.8965

Tritanomaly

32.4419, 39.5307, 43.4564

Monochromacy



Original Color

29.2738, 39.4344, 28.2590

Achromatopsia

32.9542, 34.6704, 37.7561

Achromatomaly

31.1778, 35.9504, 34.1500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2738, 39.4344, 28.2590 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(124, 182, 133)` looks like.

```
.text, #text, p{  
    color:rgb(124, 182, 133)  
}
```

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(124, 182, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 182, 133) }
```

Border

The CSS property to change the border of an element to XYZ 29.2738, 39.4344, 28.2590 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(124, 182, 133) }
```


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

```
.border{ border-color:rgb(124, 182, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 182, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 182, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 182, 133);  
box-shadow:4px 4px 4px 4px rgb(124, 182,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2738, 39.4344, 28.2590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 182, 133) }
```

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

```
.background{ background-color: rgb(124,  
182, 133) }
```

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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