

Converting Colors

XYZ(28.1417, 38.5435, 33.5074)

Have a look what the booklet for
XYZ(28.1417, 38.5435, 33.5074)
contains.

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Color

**XYZ(28.0970, 38.4055,
33.5359)**

Conversions

Conversions Part 1

Format	Color
Hex	6DB593
RGB	109, 181, 147
RGB Percent	43%, 71%, 58%
CMY	0.5725, 0.2902, 0.4235
CMYK	0.40, 0.00, 0.19, 0.29
HSL	152°, 33%, 57%
HSV	152°, 40%, 71%
XYZ	28.0970, 38.4055, 33.5359
YIQ	155.5960, -31.9980, -25.8380

Conversions

Conversions Part 2

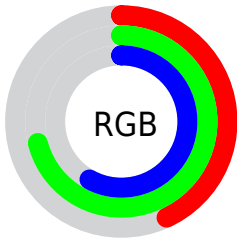
Format	Color
RYB	109, 156, 181
Decimal	7189907
CIELab	68.32, -30.37, 10.31
CIELCh	68, 32.068, 161.245
Yxy	38.4055, 0.2809, 0.3839
Android (android.graphics.Color)	4285379987 (0xFF6DB593)
YUV	155.5960, -4.2378, -40.8647
Hunter-Lab	61.9722, -27.5228, 11.2961

Details

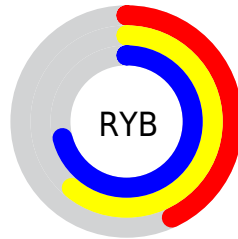
The XYZ color **28.0970, 38.4055, 33.5359** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **29.4839, 22.7451, 28.8244**, and the grayscale version is **31.4493, 33.0871, 36.0319**.

A 20% lighter version of the original color is **55.9311, 72.5719, 66.3183**, and **11.4614, 17.1236, 13.7674** is the 20% darker color. If you saturate the color by 10%, you get **25.4496, 37.1164, 30.0402**, and if you desaturate by 10%, it is **31.2548, 39.9540, 37.3173**.

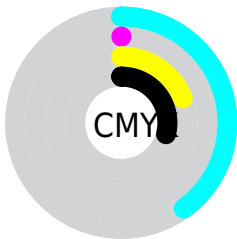
Distribution



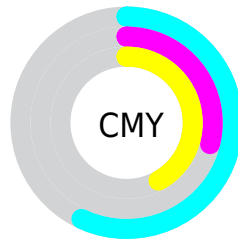
- Red (43%)
- Green (71%)
- Blue (58%)



- Red (43%)
- Yellow (61%)
- Blue (71%)



- Cyan (40%)
- Magenta (0%)
- Yellow (19%)
- Black (29%)





- Cyan (57%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.0970, 38.4055, 33.5359 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 28.0970, 38.4055, 33.5359 by changing the saturation by 10% instead.


 28.0970, 38.4055,
33.5359


 28.0970, 38.4055,
33.5359


285.0018,
339.3563, 332.7634


 18.5396, 26.2976,
22.2628


 56.0468, 72.7292,
66.3369


 11.4401, 17.0464,
13.8500

 75.1700, 95.7138,
88.7020

 6.4332, 10.2676,
7.8788


 98.2125, 123.0928,
115.6014

 3.1534, 5.5767,
3.9309

 125.5396,
155.2504, 147.4538

 1.2354, 2.5895,
1.5875

157.5167,
192.5712, 184.6776

 0.1340, 0.9214,
0.2819

194.5092,

 0.0000, 0.0000,

235.4395, 227.6915

0.0000

236.8825,
284.2397, 276.9139

■ 28.0970, 38.4055,
33.5359

■ 28.0970, 38.4055,
33.5359

■ 25.4496, 37.1164,
30.0402

■ 31.2548, 39.9540,
37.3173

■ 23.2801, 36.0670,
26.8207

■ 34.9469, 41.7711,
41.3886

■ 21.5570, 35.2422,
23.8709


■ 39.1994, 43.8710,
45.7570


■ 20.2432, 34.6231,
21.1830


■ 44.0356, 46.2658,
50.4288


■ 19.2955, 34.1874,
18.7487


■ 49.4775, 48.9666,
55.4100

 18.6278, 33.8910,
16.5576

 55.5459, 51.9840,
60.7065

 18.6141, 33.8849,
16.5118

 62.2609, 55.3283,
66.3239

 69.6412, 59.0091,
72.2677

 71.2097, 59.6872,
78.2393

Harmonies

Analogous

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



30.4964, 38.4055, 24.2704



28.0970, 38.4055, 33.5359



27.8228, 38.4055, 47.4489

Triad

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



28.0970, 38.4055, 33.5359



38.4201, 38.4055, 75.2538



44.2611, 38.4055, 26.0976

Complementary

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



28.0970, 38.4055, 33.5359



29.4839, 22.7451, 28.8244

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.



46.8240, 38.4055, 36.6495



28.0970, 38.4055, 33.5359



43.2513, 38.4055, 66.2657

Square

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



28.0970, 38.4055, 33.5359



33.4839, 38.4055, 73.8745



46.4384, 38.4055, 51.3602



39.6989, 38.4055, 20.7059

Rectangle

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



28.0970, 38.4055, 33.5359



28.8498, 38.4055, 57.8758



46.4384, 38.4055, 51.3602



45.4031, 38.4055, 29.0430

Sweetspot

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



28.0980, 38.4071, 33.5368



68.2640, 77.6107, 80.0027



30.7521, 40.0648, 20.5810



14.5392, 16.6682, 17.0732



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



28.0980, 38.4071, 33.5368



46.0027, 66.6784, 54.3892



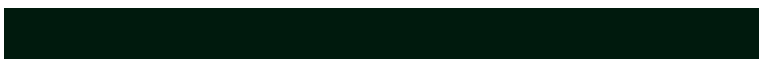
30.9293, 39.1508, 49.6446



8.5701, 9.5625, 9.9957



12.8670, 23.3728, 11.5683



0.4341, 0.7471, 0.5178

Inverse Universe

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



29.4839, 22.7451, 28.8244



48.8421, 34.6131, 44.7517



27.4150, 22.1238, 17.2940



8.6578, 8.5699, 9.6966



14.3148, 7.2435, 6.8178



0.4800, 0.2397, 0.3702

Previews

White Background



This preview shows how the XYZ color 28.0970, 38.4055, 33.5359 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 28.0970, 38.4055, 33.5359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

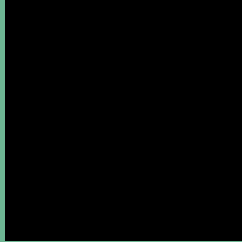
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.0970, 38.4055, 33.5359

Background



This preview shows how black text looks on a background with the XYZ color 28.0970, 38.4055, 33.5359.



This preview shows how white text looks on a background with the XYZ color 28.0970, 38.4055,

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

28.0970, 38.4055, 33.5359

Protanopia

35.7945, 37.8883, 29.8527

Deuteranopia

38.6502, 37.9408, 34.5644



Tritanopia

32.1230, 38.2560, 53.8352

Trichromacy



Original Color

28.0970, 38.4055, 33.5359

Protanomaly

32.2079, 37.6581, 31.1624

Deuteranomaly

33.8057, 37.5782, 34.3257

Tritanomaly

30.4324, 38.1451, 45.8032

Monochromacy



Original Color

28.0970, 38.4055, 33.5359

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

29.8524, 34.6991, 35.2612

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0970, 38.4055, 33.5359 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(109, 181, 147)` looks like.

```
.text, #text, p{  
    color:rgb(109, 181, 147)  
}
```

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(109, 181, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 181, 147) }
```

Border

The CSS property to change the border of an element to XYZ 28.0970, 38.4055, 33.5359 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(109, 181, 147) }
```


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

```
.border{ border-color:rgb(109, 181, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 181, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 181, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 181, 147);  
box-shadow:4px 4px 4px 4px rgb(109, 181,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0970, 38.4055, 33.5359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 181, 147) }
```

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

```
.background{ background-color: rgb(109,  
181, 147) }
```

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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