

Converting Colors

XYZ(30.9169, 35.9817, 39.0339)

Have a look what the booklet for
XYZ(30.9169, 35.9817, 39.0339)
contains.

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Color

**XYZ(30.9169, 35.9817,
39.0339)**

Conversions

Conversions Part 1

Format	Color
Hex	8AA8A1
RGB	138, 168, 161
RGB Percent	54%, 66%, 63%
CMY	0.4588, 0.3412, 0.3686
CMYK	0.18, 0.00, 0.04, 0.34
HSL	166°, 15%, 60%
HSV	166°, 18%, 66%
XYZ	30.9169, 35.9817, 39.0339
YIQ	158.2320, -15.6330, -8.5370

Conversions

Conversions Part 2

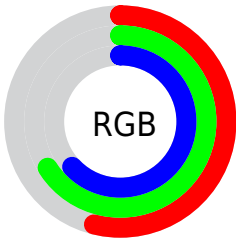
Format	Color
R_{YB}	138, 155, 168
Decimal	9087137
CIE _{Lab}	66.51, -11.76, 0.17
CIE _{LCh}	67, 11.764, 179.150
Yxy	35.9817, 0.2919, 0.3397
Android (android.graphics.Color)	4287277217 (0xFF8AA8A1)
YUV	158.2320, 1.3646, -17.7435
Hunter-Lab	59.9847, -12.9721, 3.4075

Details

The XYZ color **30.9169, 35.9817, 39.0339** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.3490, 28.5471, 30.7002**, and the grayscale version is **32.6046, 34.3025, 37.3555**.

A 20% lighter version of the original color is **60.5206, 68.9397, 75.0827**, and **13.0844, 15.6913, 17.0910** is the 20% darker color. If you saturate the color by 10%, you get **28.0093, 34.5231, 37.1216**, and if you desaturate by 10%, it is **34.2673, 37.6693, 41.0251**.

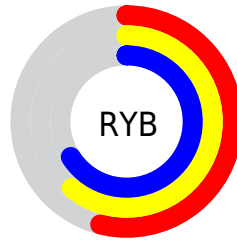
Distribution



Red (54%)

Green (66%)

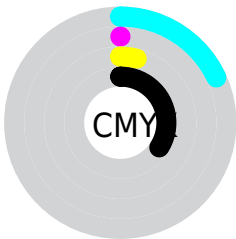
Blue (63%)



Red (54%)

Yellow (61%)

Blue (66%)

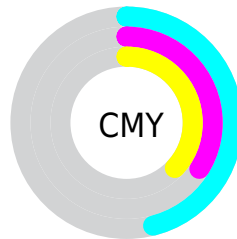


Cyan (18%)

Magenta (0%)

Yellow (4%)

Black (34%)



Cyan (46%)

Magenta (34%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9169, 35.9817, 39.0339 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 30.9169, 35.9817, 39.0339 by changing the saturation by 10% instead.

■ 30.9169, 35.9817,
39.0339

■ 30.9169, 35.9817,
39.0339

297.9890,
328.8806, 357.4649

■ 20.6871, 24.4201,
26.4781

■ 60.4859, 69.0038,
74.9110

■ 13.0066, 15.6455,
16.9527

■ 80.5559, 91.2331,
99.0694

■ 7.5101, 9.2737,
10.0391

■ 104.6366,
117.7870, 127.9323

■ 3.8323, 4.9201,
5.3190

133.0934,
149.0500, 161.9184

■ 1.6077, 2.2005,
2.3736

166.2917,
185.4065, 201.4462

■ 0.3974, 0.7202,
0.7720

204.5969,

■ 0.0000, 0.0000,

227.2408, 246.9341

0.0000

248.3742,
274.9374, 298.8009

■ 30.9169, 35.9817,
39.0339

■ 30.9169, 35.9817,
39.0339

■ 28.0093, 34.5231,
37.1216

■ 34.2673, 37.6693,
41.0251

■ 25.5218, 33.2788,
35.2843

■ 38.0761, 39.5909,
43.0941

■ 23.4339, 32.2393,
33.5213

■ 42.3617, 41.7571,
45.2430

■ 21.7225, 31.3927,
31.8309

■ 47.1407, 44.1764,
47.4731

■ 20.3618, 30.7257,
30.2115

■ 52.4287, 46.8567,
49.7857

■ 19.3229, 30.2233,
28.6612

■ 58.2408, 49.8060,
52.1818

■ 18.5720, 29.8683,
27.1778

■ 64.3688, 52.9167,
54.6523

■ 18.0530, 29.6316,
25.7581

■ 64.7987, 53.0887,
56.9161

■ 17.9519, 29.5860,
25.4613

■ 65.2402, 53.2653,
59.2409

Harmonies

Analogous

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



31.3677, 35.9817, 34.4019



30.9169, 35.9817, 39.0339



31.3202, 35.9817, 44.1059

Triad

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



30.9169, 35.9817, 39.0339



35.8795, 35.9817, 48.2950



35.9697, 35.9817, 31.4115

Complementary

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



30.9169, 35.9817, 39.0339



30.3490, 28.5471, 30.7002

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.



37.2501, 35.9817, 34.6315



30.9169, 35.9817, 39.0339



37.1969, 35.9817, 44.3768

Square

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



30.9169, 35.9817, 39.0339



34.1492, 35.9817, 49.7229



37.7067, 35.9817, 39.3224



34.2499, 35.9817, 30.2404

Rectangle

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



30.9169, 35.9817, 39.0339



32.0272, 35.9817, 47.0001



37.7067, 35.9817, 39.3224



36.4679, 35.9817, 32.2757

Sweetspot

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



30.9179, 35.9832, 39.0347



64.0073, 69.2745, 75.4668



30.3566, 35.9070, 29.3762



13.8528, 15.0494, 16.3940



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.9179, 35.9832, 39.0347



54.1513, 64.3134, 69.5906



30.2079, 33.5471, 41.9305



7.6715, 8.5017, 9.2565



13.5764, 22.3493, 19.3339



0.3481, 0.5509, 0.5642

Inverse Universe

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



30.3490, 28.5471, 30.7002



52.9460, 48.5491, 51.9252



30.9391, 30.5649, 28.3144



7.6002, 7.5699, 8.2118



12.4909, 6.4051, 2.1309



0.3228, 0.1634, 0.1512

Previews

White Background



This preview shows how the XYZ color 30.9169, 35.9817, 39.0339 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 30.9169, 35.9817, 39.0339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

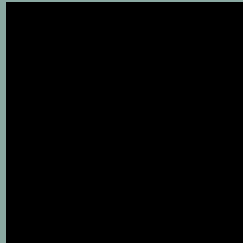
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

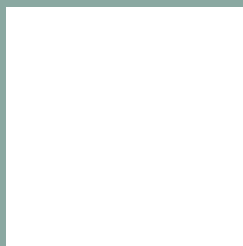
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.9169, 35.9817, 39.0339

Background



This preview shows how black text looks on a background with the XYZ color 30.9169, 35.9817, 39.0339.

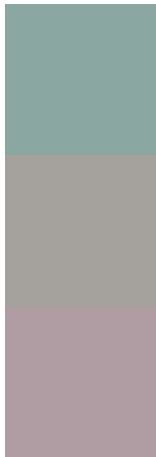


This preview shows how white text looks on a background with the XYZ color 30.9169, 35.9817,

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

30.9169, 35.9817, 39.0339

Protanopia

34.3477, 35.9234, 37.0219

Deuteranopia

36.4038, 35.6514, 39.6130



Tritanopia

32.5763, 35.8277, 47.8463

Trichromacy



Original Color

30.9169, 35.9817, 39.0339

Protanomaly

32.9646, 35.9881, 37.5567

Deuteranomaly

33.9927, 35.4316, 39.2298

Tritanomaly

31.8978, 35.8264, 44.2637

Monochromacy



Original Color

30.9169, 35.9817, 39.0339

Achromatopsia

32.4990, 34.1914, 37.2345

Achromatomaly

31.9408, 34.9232, 37.8583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9169, 35.9817, 39.0339 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(138, 168, 161)` looks like.

```
.text, #text, p{  
    color:rgb(138, 168, 161)  
}
```

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(138, 168, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 168, 161) }
```

Border

The CSS property to change the border of an element to XYZ 30.9169, 35.9817, 39.0339 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(138, 168, 161) }
```


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

```
.border{ border-color:rgb(138, 168, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 168, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 168, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 168, 161);  
box-shadow:4px 4px 4px 4px rgb(138, 168,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9169, 35.9817, 39.0339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 168, 161) }
```

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

```
.background{ background-color: rgb(138,  
168, 161) }
```

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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