

Converting Colors

XYZ(29.3892, 36.0839, 23.8283)

Have a look what the booklet for
XYZ(29.3892, 36.0839, 23.8283)
contains.

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Color

**XYZ(29.3892, 36.0839,
23.8283)**

Conversions

Conversions Part 1

Format	Color
Hex	90AA7A
RGB	144, 170, 122
RGB Percent	56%, 67%, 48%
CMY	0.4353, 0.3333, 0.5216
CMYK	0.15, 0.00, 0.28, 0.33
HSL	93°, 22%, 57%
HSV	93°, 28%, 67%
XYZ	29.3892, 36.0839, 23.8283
YIQ	156.7540, -0.0880, -20.4400

Conversions

Conversions Part 2

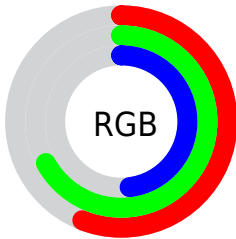
Format	Color
RYB	122, 170, 148
Decimal	9480826
CIELab	66.58, -17.86, 21.86
CIELCh	67, 28.229, 129.246
Yxy	36.0839, 0.3291, 0.4041
Android (android.graphics.Color)	4287670906 (0xFF90AA7A)
YUV	156.7540, -17.1337, -11.1853
Hunter-Lab	60.0699, -17.7911, 18.5300

Details

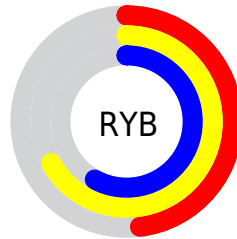
The XYZ color **29.3892, 36.0839, 23.8283** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **26.4295, 23.1183, 41.1015**, and the grayscale version is **32.0127, 33.6798, 36.6773**.

A 20% lighter version of the original color is **57.9518, 68.9513, 50.8120**, and **12.1952, 15.7651, 8.7035** is the 20% darker color. If you saturate the color by 10%, you get **26.8835, 34.9045, 18.6853**, and if you desaturate by 10%, it is **32.2124, 37.4078, 29.9496**.

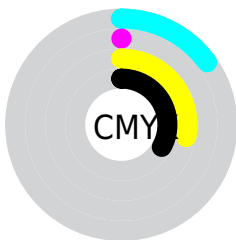
Distribution



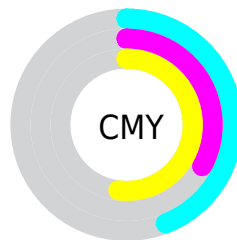
- Red (56%)
- Green (67%)
- Blue (48%)



- Red (48%)
- Yellow (67%)
- Blue (58%)



- Cyan (15%)
- Magenta (0%)
- Yellow (28%)
- Black (33%)



- Cyan (44%)
- Magenta (33%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.3892, 36.0839, 23.8283 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 29.3892, 36.0839, 23.8283 by changing the saturation by 10% instead.

■ 29.3892, 36.0839,
23.8283

■ 29.3892, 36.0839,
23.8283

291.0081,
329.3271, 285.2098

■ 19.5212, 24.4990,
14.9953

■ 58.0882, 69.1615,
50.6902

■ 12.1537, 15.7042,
8.6695

■ 77.6498, 91.4231,
69.5561

■ 6.9214, 9.3151,
4.4324

■ 101.1735,
118.0123, 92.6034

■ 3.4589, 4.9473,
1.8654

129.0244,
149.3135, 120.2507

■ 1.4008, 2.2164,
0.4706

161.5679,
185.7113, 152.9164

■ 0.2568, 0.7289,
0.0000

199.1695,

■ 0.0000, 0.0000,

227.5898, 191.0192

0.0000

242.1944,
275.3336, 234.9774

■ 29.3892, 36.0839,
23.8283

■ 29.3892, 36.0839,
23.8283

■ 26.8835, 34.9045,
18.6853

■ 32.2124, 37.4078,
29.9496

■ 24.6796, 33.8594,
14.4675

■ 35.3620, 38.8767,
37.0938

■ 22.7649, 32.9445,
11.1204

■ 38.8504, 40.4969,
45.3057

■ 21.1244, 32.1532,
8.5829

■ 42.6881, 42.2730,
54.6267

■ 19.7414, 31.4786,
6.7857

■ 46.8854, 44.2093,
65.0960

■ 18.5971, 30.9127,
5.6484

■ 51.4519, 46.3102,
76.7509

■ 17.6611, 30.4428,
5.0313

■ 56.3969, 48.5796,
89.6270

■ 17.5101, 30.3669,
4.9385

■ 61.2418, 50.8263,
101.1904

■ 64.0676, 52.2830,
101.3226

Harmonies

Analogous

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



33.0023, 36.0839, 20.4435



29.3892, 36.0839, 23.8283



27.2184, 36.0839, 31.5765

Triad

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



29.3892, 36.0839, 23.8283



31.4857, 36.0839, 65.4428



42.9970, 36.0839, 35.6530

Complementary

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



29.3892, 36.0839, 23.8283



26.4295, 23.1183, 41.1015

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.



42.5066, 36.0839, 48.1655



29.3892, 36.0839, 23.8283



35.6244, 36.0839, 67.1618

Square

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



29.3892, 36.0839, 23.8283



28.3577, 36.0839, 56.0050



39.7221, 36.0839, 60.3075



41.0118, 36.0839, 26.2821

Rectangle

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



29.3892, 36.0839, 23.8283



26.7677, 36.0839, 38.9824



39.7221, 36.0839, 60.3075



43.1196, 36.0839, 39.5977

Sweetspot

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



29.3901, 36.0855, 23.8291



64.2122, 70.5595, 67.4259



30.6191, 31.0071, 22.7841



14.1226, 15.6434, 14.5819



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



29.3901, 36.0855, 23.8291



50.3561, 64.0738, 37.0796



26.0147, 34.3338, 24.1930



7.7512, 8.5698, 8.0349



12.9429, 22.3695, 3.6356



0.3743, 0.5749, 0.0912

Inverse Universe

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



26.4295, 23.1183, 41.1015



44.0711, 36.5541, 73.7347



30.6437, 25.3082, 40.5132



7.5054, 7.4932, 9.4691



8.6557, 3.8456, 28.2616



0.2685, 0.1234, 0.6903

Previews

White Background



This preview shows how the XYZ color 29.3892, 36.0839, 23.8283 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 29.3892, 36.0839, 23.8283 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 29.3892, 36.0839, 23.8283

Background



This preview shows how black text looks on a background with the XYZ color 29.3892, 36.0839, 23.8283.



This preview shows how white text looks on a background with the XYZ color 29.3892, 36.0839,

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

29.3892, 36.0839, 23.8283

Protanopia

33.4704, 35.7964, 22.2849

Deuteranopia

36.4093, 35.7422, 24.3820



Tritanopia

33.8826, 36.0044, 46.2380

Trichromacy



Original Color

29.3892, 36.0839, 23.8283

Protanomaly

31.7095, 35.6694, 22.6664

Deuteranomaly

33.4425, 35.4811, 24.1547

Tritanomaly

32.0314, 36.0623, 36.7250

Monochromacy



Original Color

29.3892, 36.0839, 23.8283

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

30.9033, 34.5297, 31.4217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3892, 36.0839, 23.8283 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(144, 170, 122)` looks like.

```
.text, #text, p{  
    color:rgb(144, 170, 122)  
}
```

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(144, 170, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 170, 122) }
```

Border

The CSS property to change the border of an element to XYZ 29.3892, 36.0839, 23.8283 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(144, 170, 122) }
```


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

```
.border{ border-color:rgb(144, 170, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 170, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 170, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 170, 122);  
box-shadow:4px 4px 4px 4px rgb(144, 170,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3892, 36.0839, 23.8283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 170, 122) }
```

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

```
.background{ background-color: rgb(144,  
170, 122) }
```

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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