

Converting Colors

XYZ(29.1372, 32.8955, 36.3702)

Have a look what the booklet for
XYZ(29.1372, 32.8955, 36.3702)
contains.

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Color

**XYZ(29.2190, 33.0309,
36.2881)**

Conversions

Conversions Part 1

Format	Color
Hex	8BA09C
RGB	139, 160, 156
RGB Percent	55%, 63%, 61%
CMY	0.4549, 0.3725, 0.3882
CMYK	0.13, 0.00, 0.03, 0.37
HSL	169°, 10%, 59%
HSV	169°, 13%, 63%
XYZ	29.2190, 33.0309, 36.2881
YIQ	153.2650, -11.2320, -5.6960

Conversions

Conversions Part 2

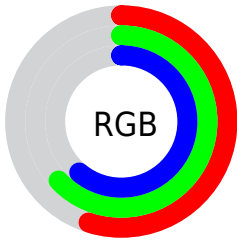
Format	Color
RYB	139, 151, 160
Decimal	9150620
CIELab	64.19, -8.18, -0.41
CIElCh	64, 8.187, 182.890
Yxy	33.0309, 0.2965, 0.3352
Android (android.graphics.Color)	4287340700 (0xFF8BA09C)
YUV	153.2650, 1.3484, -12.5104
Hunter-Lab	57.4725, -9.8276, 2.7951

Details

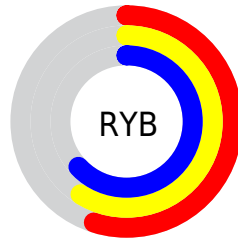
The XYZ color **29.2190, 33.0309, 36.2881** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.6889, 27.9228, 29.8656**, and the grayscale version is **30.3923, 31.9750, 34.8208**.

A 20% lighter version of the original color is **57.9256, 64.5915, 70.3872**, and **12.1383, 14.0810, 15.4428** is the 20% darker color. If you saturate the color by 10%, you get **26.4857, 31.6522, 34.8298**, and if you desaturate by 10%, it is **32.3517, 34.6165, 37.8004**.

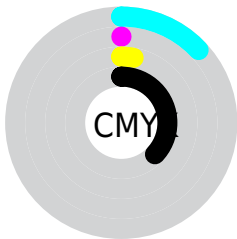
Distribution



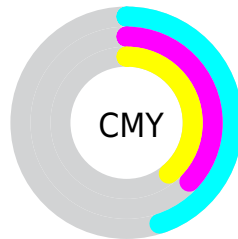
- Red (55%)
- Green (63%)
- Blue (61%)



- Red (55%)
- Yellow (59%)
- Blue (63%)



- Cyan (13%)
- Magenta (0%)
- Yellow (3%)
- Black (37%)



- Cyan (45%)
- Magenta (37%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2190, 33.0309, 36.2881 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 29.2190, 33.0309, 36.2881 by changing the saturation by 10% instead.

■ 29.2190, 33.0309,
36.2881

■ 29.2190, 33.0309,
36.2881

290.2225,
315.7889, 345.2934

■ 19.3917, 22.1501,
24.3653

■ 57.8200, 64.4238,
70.6506

■ 12.0593, 13.9672,
15.3901

■ 77.3244, 85.7046,
93.9273

■ 6.8566, 8.0979,
8.9440

■ 100.7852,
111.2210, 121.8258

■ 3.4181, 4.1576,
4.6084

128.5677,
141.3573, 154.7646

■ 1.3785, 1.7621,
1.9647

161.0373,
176.4978, 193.1622

■ 0.2408, 0.4634,
0.5334

198.5594,

■ 0.0000, 0.0000,

217.0270, 237.4372

0.0000

241.4994,
263.3292, 288.0081

■ 29.2190, 33.0309,
36.2881

■ 29.2190, 33.0309,
36.2881

■ 26.4857, 31.6522,
34.8298

■ 32.3517, 34.6165,
37.8004

■ 24.1321, 30.4676,
33.4221

■ 35.8969, 36.4132,
39.3653

■ 22.1408, 29.4690,
32.0647

■ 39.8706, 38.4300,
40.9847

■ 20.4922, 28.6464,
30.7565

■ 44.2871, 40.6743,
42.6593

■ 19.1646, 27.9885,
29.4962

■ 49.1600, 43.1531,
44.3901

■ 18.1338, 27.4829,
28.2823

■ 54.5024, 45.8732,
46.1779

■ 17.3724, 27.1155,
27.1134

■ 60.3267, 48.8409,
48.0234

■ 16.8475, 26.8692,
25.9876

■ 62.0899, 49.7143,
49.7145

■ 16.5680, 26.7415,
25.2361

■ 62.4050, 49.8403,
51.3734

Harmonies

Analogous

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



29.4506, 33.0309, 33.1312



29.2190, 33.0309, 36.2881



29.5585, 33.0309, 39.5474

Triad

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



29.2190, 33.0309, 36.2881



32.6220, 33.0309, 41.6016



32.4226, 33.0309, 30.5721

Complementary

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



29.2190, 33.0309, 36.2881



28.6889, 27.9228, 29.8656

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.



33.3058, 33.0309, 32.6058



29.2190, 33.0309, 36.2881



33.4229, 33.0309, 38.9560

Square

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



29.2190, 33.0309, 36.2881



31.5075, 33.0309, 42.7312



33.6762, 33.0309, 35.6439



31.2825, 33.0309, 29.9537

Rectangle

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



29.2190, 33.0309, 36.2881



30.0679, 33.0309, 41.3049



33.6762, 33.0309, 35.6439



32.7603, 33.0309, 31.1065

Sweetspot

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



29.2199, 33.0323, 36.2888



58.1660, 62.5608, 68.3662



28.5944, 32.8646, 29.2630



12.6628, 13.6730, 14.9499



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



29.2199, 33.0323, 36.2888



51.3958, 59.1373, 65.0336



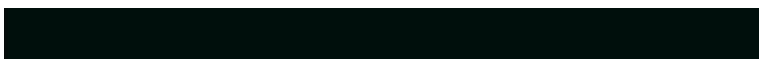
28.4998, 31.0405, 37.7487



6.7676, 7.4878, 8.2108



12.9208, 20.8363, 19.7380



0.2438, 0.3777, 0.4203

Inverse Universe

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



28.6889, 27.9228, 29.8656



50.2240, 47.8594, 50.8573



29.3298, 29.6813, 28.6097



6.6822, 6.6658, 7.1773



11.4934, 5.9019, 1.5833



0.2179, 0.1105, 0.0936

Previews

White Background



This preview shows how the XYZ color 29.2190, 33.0309, 36.2881 looks on a white background.

Color Contrast Check

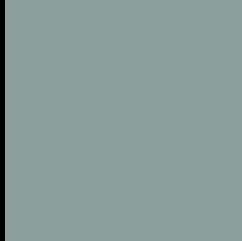
Large Text (above 18pt) WCAG AA × Fail

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 29.2190, 33.0309, 36.2881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

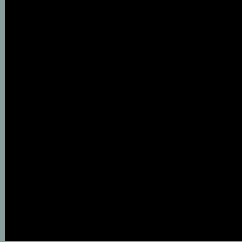
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.2190, 33.0309, 36.2881

Background



This preview shows how black text looks on a background with the XYZ color 29.2190, 33.0309, 36.2881.

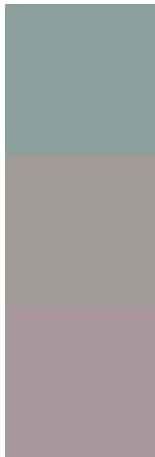


This preview shows how white text looks on a background with the XYZ color 29.2190, 33.0309,

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

29.2190, 33.0309, 36.2881

Protanopia

31.7692, 33.1135, 34.8541

Deuteranopia

33.4401, 32.7163, 36.9002



Tritanopia

30.6379, 33.1068, 42.8057

Trichromacy



Original Color

29.2190, 33.0309, 36.2881

Protanomaly

30.8386, 33.1224, 35.3398

Deuteranomaly

31.7420, 32.8146, 36.5592

Tritanomaly

30.1742, 33.1756, 40.4105

Monochromacy



Original Color

29.2190, 33.0309, 36.2881

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.9339, 32.4059, 35.2491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2190, 33.0309, 36.2881 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(139, 160, 156)` looks like.

```
.text, #text, p{  
    color:rgb(139, 160, 156)  
}
```

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(139, 160, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 160, 156) }
```

Border

The CSS property to change the border of an element to XYZ 29.2190, 33.0309, 36.2881 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(139, 160, 156) }
```


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

```
.border{ border-color:rgb(139, 160, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 160, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 160, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 160, 156);  
box-shadow:4px 4px 4px 4px rgb(139, 160,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2190, 33.0309, 36.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 160, 156) }
```

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

```
.background{ background-color: rgb(139,  
160, 156) }
```

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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