

Converting Colors

XYZ(28.3068, 31.1186, 36.4133)

Have a look what the booklet for
XYZ(28.3068, 31.1186, 36.4133)
contains.

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Color

**XYZ(28.2889, 31.0345,
36.3976)**

Conversions

Conversions Part 1

Format	Color
Hex	8B9A9D
RGB	139, 154, 157
RGB Percent	55%, 60%, 62%
CMY	0.4549, 0.3961, 0.3843
CMYK	0.11, 0.02, 0.00, 0.38
HSL	190°, 8%, 58%
HSV	190°, 11%, 62%
XYZ	28.2889, 31.0345, 36.3976
YIQ	149.8570, -9.9030, -2.2470

Conversions

Conversions Part 2

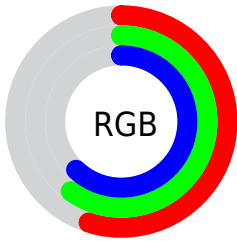
Format	Color
RYB	139, 147, 157
Decimal	9149085
CIELab	62.54, -4.69, -3.40
CIElCh	63, 5.788, 215.918
Yxy	31.0345, 0.2955, 0.3242
Android (android.graphics.Color)	4287339165 (0xFF8B9A9D)
YUV	149.8570, 3.5215, -9.5216
Hunter-Lab	55.7086, -6.8476, 0.2585

Details

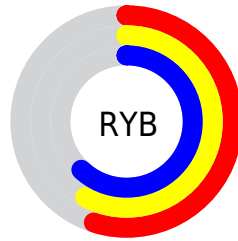
The XYZ color **28.2889, 31.0345, 36.3976** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.2381, 28.3782, 28.4159**, and the grayscale version is **28.9181, 30.4241, 33.1318**.

A 20% lighter version of the original color is **56.4319, 61.2027, 71.1264**, and **11.5716, 12.8650, 15.5090** is the 20% darker color. If you saturate the color by 10%, you get **25.4267, 28.9261, 36.1420**, and if you desaturate by 10%, it is **31.5388, 33.3584, 36.6754**.

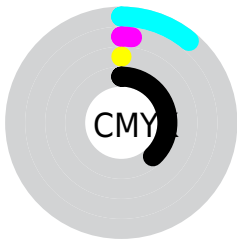
Distribution



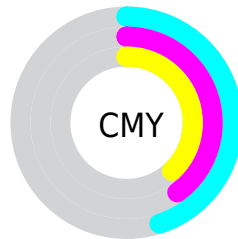
- Red (55%)
- Green (60%)
- Blue (62%)



- Red (55%)
- Yellow (58%)
- Blue (62%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (38%)



- Cyan (45%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2889, 31.0345, 36.3976 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 28.2889, 31.0345, 36.3976 by changing the saturation by 10% instead.

■ 28.2889, 31.0345,
36.3976

■ 28.2889, 31.0345,
36.3976

285.8999,
306.6972, 345.7849

■ 18.6851, 20.6251,
24.4493

■ 56.3508, 61.2944,
70.8213

■ 11.5456, 12.8503,
15.4520

■ 75.5396, 81.9137,
94.1337

■ 6.5051, 7.3255,
8.9871

■ 98.6541, 106.7051,
122.0712

■ 3.1981, 3.6665,
4.6360

126.0597,
136.0529, 155.0525

■ 1.2594, 1.4888,
1.9804

158.1217,
170.3417, 193.4959

■ 0.1525, 0.2808,
0.5432

195.2055,

■ 0.0000, 0.0000,

209.9557, 237.8201

0.0000

237.6765,
255.2795, 288.4436

■ 28.2889, 31.0345,
36.3976

■ 28.2889, 31.0345,
36.3976

■ 25.4267, 28.9261,
36.1420

■ 31.5388, 33.3584,
36.6754

■ 22.9336, 27.0210,
35.9057

■ 35.1887, 35.9018,
36.9739

■ 20.7931, 25.3114,
35.6885

■ 39.2539, 38.6733,
37.2946

■ 18.9868, 23.7879,
35.4896

■ 43.7479, 41.6801,
37.6381

■ 17.4943, 22.4397,
35.3081

■ 48.6836, 44.9289,
38.0051

■ 16.2930, 21.2551,
35.1427

■ 54.0733, 48.4262,
38.3960

■ 15.3574, 20.2209,
34.9924

■ 59.9291, 52.1782,
38.8116

■ 14.6570, 19.3214,
34.8557

■ 62.6406, 54.3238,
39.0828

■ 14.1825, 18.6276,
34.7468

■ 63.1542, 55.3510,
39.2540

Harmonies

Analogous

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



28.0178, 31.0345, 34.2401



28.2889, 31.0345, 36.3976



28.8843, 31.0345, 37.9038

Triad

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



28.2889, 31.0345, 36.3976



30.9004, 31.0345, 35.5905



29.3416, 31.0345, 29.6618

Complementary

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



28.2889, 31.0345, 36.3976



28.2381, 28.3782, 28.4159

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.



30.1191, 31.0345, 29.9876



28.2889, 31.0345, 36.3976



31.0281, 31.0345, 33.3465

Square

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



28.2889, 31.0345, 36.3976



30.3939, 31.0345, 37.4235



30.7398, 31.0345, 31.3125



28.6186, 31.0345, 30.4021

Rectangle

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



28.2889, 31.0345, 36.3976



29.3898, 31.0345, 38.3005



30.7398, 31.0345, 31.3125



29.6052, 31.0345, 29.6507

Sweetspot

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



28.2898, 31.0358, 36.3983



55.5076, 59.0519, 65.5993



27.5650, 31.5475, 30.1103



12.1115, 12.9213, 14.4261



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



28.2898, 31.0358, 36.3983



49.1567, 54.4836, 65.0523



26.9052, 28.2665, 35.9367



6.7278, 7.3213, 8.4652



11.5417, 15.1749, 28.2280



0.2292, 0.3169, 0.5123

Inverse Universe

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



28.9707, 27.9671, 34.4446



50.6547, 47.8037, 60.7384



29.5838, 31.0695, 28.8645



6.8567, 6.7356, 8.0964



14.6239, 7.1541, 18.0683



0.2730, 0.1325, 0.3836

Previews

White Background



This preview shows how the XYZ color 28.2889, 31.0345, 36.3976 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 28.2889, 31.0345, 36.3976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

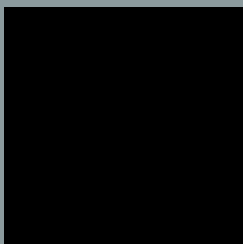
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

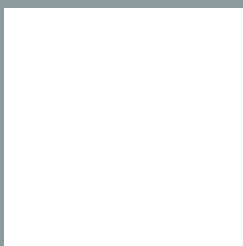
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.2889, 31.0345, 36.3976

Background



This preview shows how black text looks on a background with the XYZ color 28.2889, 31.0345, 36.3976.



This preview shows how white text looks on a background with the XYZ color 28.2889, 31.0345,

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

28.2889, 31.0345, 36.3976

Protanopia

29.9596, 30.9516, 35.4056

Deuteranopia

31.5920, 31.0520, 37.1294



Tritanopia

28.9980, 31.0745, 40.0669

Trichromacy



Original Color

28.2889, 31.0345, 36.3976

Protanomaly

29.2801, 30.8294, 35.8599

Deuteranomaly

30.4043, 31.1513, 36.7581

Tritanomaly

28.7280, 30.9665, 38.6454

Monochromacy



Original Color

28.2889, 31.0345, 36.3976

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.6704, 30.5441, 34.5215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2889, 31.0345, 36.3976 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, 154, 157)` looks like.

```
.text, #text, p{  
    color:rgb(139, 154, 157)  
}
```

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, 154, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 154, 157) }
```

Border

The CSS property to change the border of an element to XYZ 28.2889, 31.0345, 36.3976 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, 154, 157) }
```


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

```
.border{ border-color:rgb(139, 154, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 154, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 154, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 154, 157);  
box-shadow:4px 4px 4px 4px rgb(139, 154,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2889, 31.0345, 36.3976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 154, 157) }
```

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

```
.background{ background-color: rgb(139,  
154, 157) }
```

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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