

Converting Colors

XYZ(29.8872, 33.4430, 37.6279)

Have a look what the booklet for
XYZ(29.8872, 33.4430, 37.6279)
contains.

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Color

**XYZ(29.8133, 33.3075,
37.6586)**

Conversions

Conversions Part 1

Format	Color
Hex	8DA09F
RGB	141, 160, 159
RGB Percent	55%, 63%, 62%
CMY	0.4471, 0.3725, 0.3765
CMYK	0.12, 0.00, 0.01, 0.37
HSL	177°, 9%, 59%
HSV	177°, 12%, 63%
XYZ	29.8133, 33.3075, 37.6586
YIQ	154.2050, -11.0030, -4.3390

Conversions

Conversions Part 2

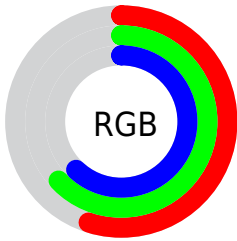
Format	Color
RYB	141, 151, 160
Decimal	9281695
CIELab	64.41, -6.87, -1.75
CIELCh	64, 7.086, 194.314
Yxy	33.3075, 0.2958, 0.3305
Android (android.graphics.Color)	4287471775 (0xFF8DA09F)
YUV	154.2050, 2.3639, -11.5808
Hunter-Lab	57.7127, -8.7873, 1.7110

Details

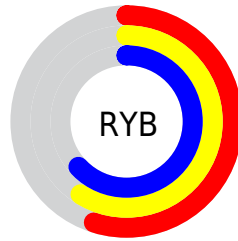
The XYZ color **29.8133, 33.3075, 37.6586** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.9057, 28.4772, 29.5657**, and the grayscale version is **30.7993, 32.4033, 35.2872**.

A 20% lighter version of the original color is **58.9437, 65.0580, 73.0691**, and **12.4898, 14.2441, 16.2785** is the 20% darker color. If you saturate the color by 10%, you get **27.2141, 31.9769, 37.1566**, and if you desaturate by 10%, it is **32.8080, 34.8437, 38.1831**.

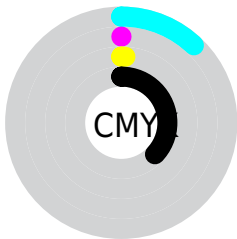
Distribution



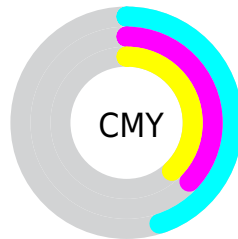
- Red (55%)
- Green (63%)
- Blue (62%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (37%)



- Cyan (45%)
- Magenta (37%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8133, 33.3075, 37.6586 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 29.8133, 33.3075, 37.6586 by changing the saturation by 10% instead.

■ 29.8133, 33.3075,
37.6586

■ 29.8133, 33.3075,
37.6586

292.9587,
317.0331, 351.4074

■ 19.8443, 22.3621,
25.4181

■ 58.7555, 64.8553,
72.7822

■ 12.3895, 14.1232,
16.1669

■ 78.4593, 86.2265,
96.5023

■ 7.0836, 8.2064,
9.4867

■ 102.1388,
111.8418, 124.8860

■ 3.5612, 4.2273,
4.9589

130.1593,
142.0856, 158.3518

■ 1.4570, 1.8015,
2.1648

162.8862,
177.3422, 197.3183

■ 0.2963, 0.4881,
0.6540

200.6849,

■ 0.0000, 0.0000,

217.9960, 242.2041

0.0000

243.9206,
264.4315, 293.4276

■ 29.8133, 33.3075,
37.6586

■ 29.8133, 33.3075,
37.6586

■ 27.2141, 31.9769,
37.1566

■ 32.8080, 34.8437,
38.1831

■ 24.9908, 30.8391,
36.6742

■ 36.2111, 36.5895,
38.7286

■ 23.1262, 29.8862,
36.2111

■ 40.0384, 38.5540,
39.2965

■ 21.6011, 29.1082,
35.7665

■ 44.3041, 40.7444,
39.8877

■ 20.3939, 28.4941,
35.3394

■ 49.0218, 43.1677,
40.5025

■ 19.4811, 28.0317,
34.9287

■ 54.2043, 45.8306,
41.1418

■ 18.8356, 27.7070,
34.5330

■ 59.8640, 48.7394,
41.8061

■ 18.4254, 27.5036,
34.1509

■ 60.6716, 49.1469,
42.2459

■ 18.2033, 27.3956,
33.8476

■ 60.7492, 49.1779,
42.6542

Harmonies

Analogous

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



29.8249, 33.3075, 34.7834



29.8133, 33.3075, 37.6586



30.2886, 33.3075, 40.2916

Triad

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



29.8133, 33.3075, 37.6586



33.0338, 33.3075, 40.3926



32.1857, 33.3075, 31.1713

Complementary

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



29.8133, 33.3075, 37.6586



28.9057, 28.4772, 29.5657

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.



33.0676, 33.3075, 32.5183



29.8133, 33.3075, 37.6586



33.5643, 33.3075, 37.7906

Square

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



29.8133, 33.3075, 37.6586



32.1403, 33.3075, 41.9260



33.5768, 33.3075, 34.9086



31.1801, 33.3075, 31.1402

Rectangle

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



29.8133, 33.3075, 37.6586



30.8236, 33.3075, 41.5122



33.5768, 33.3075, 34.9086



32.5069, 33.3075, 31.4819

Sweetspot

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



29.8143, 33.3089, 37.6593



58.3079, 62.6175, 69.1136



28.5806, 32.8405, 30.0323



12.6994, 13.6876, 15.1425



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.



29.8143, 33.3089, 37.6593



52.9375, 59.8647, 68.1535



28.5210, 30.5826, 37.6591



6.8067, 7.5034, 8.4169



14.1846, 21.3418, 26.3927



0.2577, 0.3832, 0.4936

Inverse Universe

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



28.9057, 28.4772, 29.5657



50.9875, 49.4936, 50.7812



30.0905, 30.9666, 29.5910



6.6465, 6.6515, 6.9898



11.3344, 5.8383, 0.7458



0.2063, 0.1059, 0.0327

Previews

White Background



This preview shows how the XYZ color 29.8133, 33.3075, 37.6586 looks on a white background.

Color Contrast Check

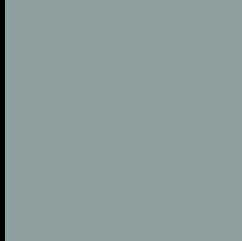
Large Text (above 18pt) WCAG AA × Fail

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 29.8133, 33.3075, 37.6586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

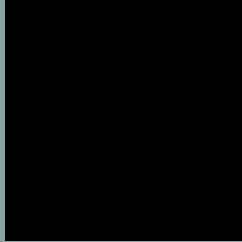
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

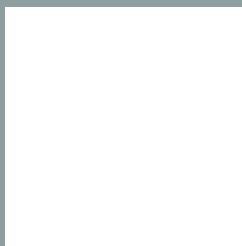
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.8133, 33.3075, 37.6586

Background



This preview shows how black text looks on a background with the XYZ color 29.8133, 33.3075, 37.6586.



This preview shows how white text looks on a background with the XYZ color 29.8133, 33.3075,

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

29.8133, 33.3075, 37.6586

Protanopia

31.8226, 33.1121, 36.1665

Deuteranopia

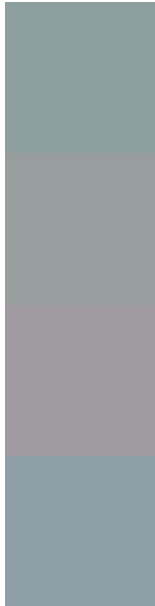
33.8618, 33.1414, 38.3304



Tritanopia

30.9052, 33.2336, 43.3139

Trichromacy



Original Color

29.8133, 33.3075, 37.6586

Protanomaly

31.0917, 33.2237, 36.6724

Deuteranomaly

32.1988, 33.0202, 37.9342

Tritanomaly

30.5285, 33.3371, 41.3849

Monochromacy



Original Color

29.8133, 33.3075, 37.6586

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.2836, 32.5668, 36.1424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8133, 33.3075, 37.6586 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(141, 160, 159)` looks like.

```
.text, #text, p{  
    color:rgb(141, 160, 159)  
}
```

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(141, 160, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 160, 159) }
```

Border

The CSS property to change the border of an element to XYZ 29.8133, 33.3075, 37.6586 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(141, 160, 159) }
```


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

```
.border{ border-color:rgb(141, 160, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 160, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 160, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 160, 159);  
box-shadow:4px 4px 4px 4px rgb(141, 160,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8133, 33.3075, 37.6586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 160, 159) }
```

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

```
.background{ background-color: rgb(141,  
160, 159) }
```

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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