

Converting Colors

XYZ(28.4688, 29.1930, 37.4095)

Have a look what the booklet for
XYZ(28.4688, 29.1930, 37.4095)
contains.

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Color

**XYZ(28.4781, 29.2068,
37.3942)**

Conversions

Conversions Part 1

Format	Color
Hex	9292A0
RGB	146, 146, 160
RGB Percent	57%, 57%, 63%
CMY	0.4274, 0.4274, 0.3725
CMYK	0.09, 0.09, 0.00, 0.37
HSL	240°, 7%, 60%
HSV	240°, 9%, 63%
XYZ	28.4781, 29.2068, 37.3942
YIQ	147.5960, -4.4940, 4.3540

Conversions

Conversions Part 2

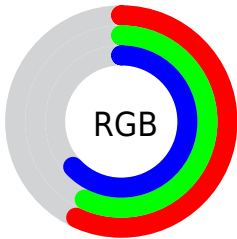
Format	Color
R_{YB}	146, 146, 160
Decimal	9605792
CIE Lab	60.96, 2.84, -7.36
CIE LCh	61, 7.890, 291.061
Yxy	29.2068, 0.2995, 0.3072
Android (android.graphics.Color)	4287795872 (0xFF9292A0)
YUV	147.5960, 6.1152, -1.3997
Hunter-Lab	54.0433, -0.5153, -3.1942

Details

The XYZ color **28.4781, 29.2068, 37.3942** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2564, 34.6903, 32.1905**, and the grayscale version is **27.9576, 29.4135, 32.0314**.

A 20% lighter version of the original color is **56.7394, 58.4942, 72.5900**, and **11.6625, 11.9028, 16.1508** is the 20% darker color. If you saturate the color by 10%, you get **23.5347, 23.2508, 36.5056**, and if you desaturate by 10%, it is **34.1664, 36.0607, 38.4178**.

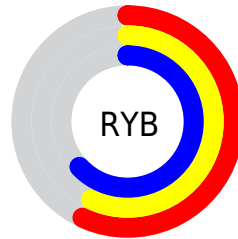
Distribution



Red (57%)

Green (57%)

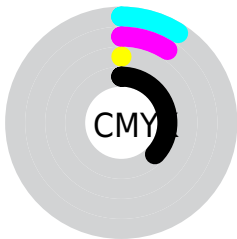
Blue (63%)



Red (57%)

Yellow (57%)

Blue (63%)

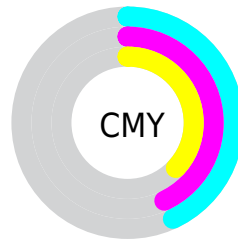


Cyan (9%)

Magenta (9%)

Yellow (0%)

Black (37%)



Cyan (43%)

Magenta (43%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4781, 29.2068, 37.3942 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 28.4781, 29.2068, 37.3942 by changing the saturation by 10% instead.

■ 28.4781, 29.2068,
37.3942

■ 28.4781, 29.2068,
37.3942

286.7833,
298.1894, 350.2340

■ 18.8287, 19.2373,
25.2147

■ 56.6502, 58.4055,
72.3717

■ 11.6498, 11.8419,
16.0166

■ 75.9035, 78.4035,
96.0068

■ 6.5762, 6.6361,
9.3814

99.0889, 102.5131,
124.2975

■ 3.2425, 3.2356,
4.8906

126.5716,
131.1188, 157.6624

■ 1.2832, 1.2559,
2.1256

158.7170,
164.6048, 196.5199

■ 0.1706, 0.1067,
0.6309

195.8906,

■ 0.0000, 0.0000,

203.3557, 241.2887

0.0000

238.4575,
247.7558, 292.3872

■ 28.4781, 29.2068,
37.3942

■ 28.4781, 29.2068,
37.3942

■ 23.5347, 23.2508,
36.5056

■ 34.1664, 36.0607,
38.4178

■ 19.3030, 18.1520,
35.7444

■ 40.6259, 43.8437,
39.5796

■ 15.7510, 13.8720,
35.1055

■ 47.8849, 52.5898,
40.8852

■ 12.8432, 10.3684,
34.5825

■ 55.9694, 62.3306,
42.3392

■ 10.5411, 7.5945,
34.1684

■ 64.9042, 73.0958,
43.9462

■ 8.8020, 5.4988,
33.8556

■ 74.7131, 84.9142,
45.7104

■ 7.5775, 4.0233,
33.6353

■ 83.3452, 95.3181,
47.2636

■ 6.8114, 3.1000,
33.4975

■ 6.3922, 2.5949,
33.4221

Harmonies

Analogous

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



27.4536, 29.2068, 37.7407



28.4781, 29.2068, 37.3942



29.3295, 29.2068, 35.5014

Triad

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



28.4781, 29.2068, 37.3942



29.0238, 29.2068, 27.5898



25.8491, 29.2068, 30.9279

Complementary

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



28.4781, 29.2068, 37.3942



32.2564, 34.6903, 32.1905

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.



26.2478, 29.2068, 28.3676



28.4781, 29.2068, 37.3942



28.0691, 29.2068, 26.5201

Square

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



28.4781, 29.2068, 37.3942



29.6500, 29.2068, 29.8059



27.0544, 29.2068, 26.7958



25.9525, 29.2068, 33.8837

Rectangle

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



28.4781, 29.2068, 37.3942



29.6762, 29.2068, 33.6781



27.0544, 29.2068, 26.7958



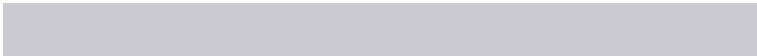
25.9285, 29.2068, 29.9954

Sweetspot

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



28.4790, 29.2080, 37.3948



57.4178, 59.9113, 68.9243



30.7501, 33.7830, 38.0513



12.4157, 12.9263, 15.0843



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.



28.4790, 29.2080, 37.3948



50.3314, 51.3729, 67.6497



29.7174, 29.8460, 37.4527



6.2848, 6.4354, 8.3176



4.9430, 1.9776, 26.0284



0.0884, 0.0354, 0.4654

Inverse Universe

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



29.9651, 30.1073, 31.4275



53.4446, 53.2567, 55.1488



30.9406, 34.0124, 32.1290



6.6331, 6.6462, 6.9191



11.2932, 5.8218, 0.5291



0.2019, 0.1041, 0.0095

Previews

White Background



This preview shows how the XYZ color 28.4781, 29.2068, 37.3942 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4781, 29.2068, 37.3942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

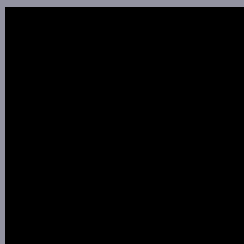
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

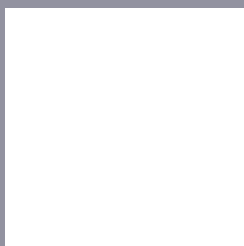
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.4781, 29.2068, 37.3942

Background



This preview shows how black text looks on a background with the XYZ color 28.4781, 29.2068, 37.3942.

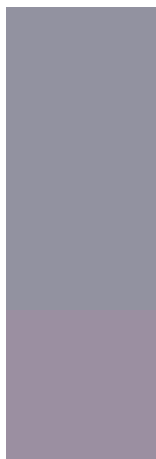


This preview shows how white text looks on a background with the XYZ color 28.4781, 29.2068,

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

28.4781, 29.2068, 37.3942

Protanopia

28.4781, 29.2068, 37.3942

Deuteranopia

29.7731, 29.1867, 37.7826



Tritanopia

28.3045, 29.1374, 36.4800

Trichromacy



Original Color

28.4781, 29.2068, 37.3942

Protanomaly

28.4781, 29.2068, 37.3942

Deuteranomaly

29.3552, 29.1951, 37.8063

Tritanomaly

28.3910, 29.1720, 36.9353

Monochromacy



Original Color

28.4781, 29.2068, 37.3942

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.1338, 29.3375, 33.8857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4781, 29.2068, 37.3942 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(146, 146, 160) looks like.

```
.text, #text, p{  
    color:rgb(146, 146, 160)  
}
```

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(146, 146, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 146, 160) }
```

Border

The CSS property to change the border of an element to XYZ 28.4781, 29.2068, 37.3942 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(146, 146, 160) }
```


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

```
.border{ border-color:rgb(146, 146, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 146, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 146, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 146, 160);  
box-shadow:4px 4px 4px 4px rgb(146, 146,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4781, 29.2068, 37.3942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 146, 160) }
```

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

```
.background{ background-color: rgb(146,  
146, 160) }
```

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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