

Converting Colors

XYZ(28.4351, 30.2767, 43.0540)

Have a look what the booklet for
XYZ(28.4351, 30.2767, 43.0540)
contains.

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Color

**XYZ(28.4090, 30.2244,
42.8647)**

Conversions

Conversions Part 1

Format	Color
Hex	8797AB
RGB	135, 151, 171
RGB Percent	53%, 59%, 67%
CMY	0.4706, 0.4078, 0.3294
CMYK	0.21, 0.12, 0.00, 0.33
HSL	213°, 18%, 60%
HSV	213°, 21%, 67%
XYZ	28.4090, 30.2244, 42.8647
YIQ	148.4960, -15.9560, 2.8280

Conversions

Conversions Part 2

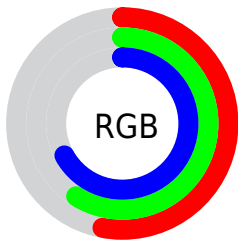
Format	Color
RYB	135, 146, 171
Decimal	8886187
CIELab	61.85, -1.24, -12.36
CIElCh	62, 12.424, 264.252
Yxy	30.2244, 0.2799, 0.2978
Android (android.graphics.Color)	4287076267 (0xFF8797AB)
YUV	148.4960, 11.0945, -11.8360
Hunter-Lab	54.9767, -3.9701, -7.7440

Details


The XYZ color **28.4090, 30.2244, 42.8647** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.8895, 33.8500, 27.7227**, and the grayscale version is **28.3161, 29.7907, 32.4421**.

A 20% lighter version of the original color is **56.5451, 59.9724, 80.5471**, and **11.6333, 12.3775, 19.2287** is the 20% darker color. If you saturate the color by 10%, you get **24.4080, 25.9837, 42.2575**, and if you desaturate by 10%, it is **32.9769, 34.9418, 43.5350**.

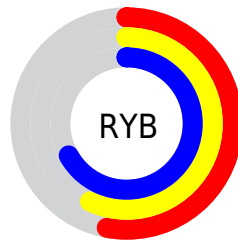
Distribution



 Red (53%)

 Green (59%)

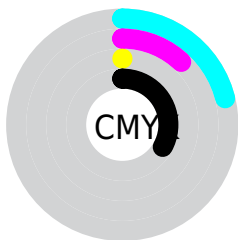
 Blue (67%)





 Red (53%)

 Yellow (57%)

 Blue (67%)

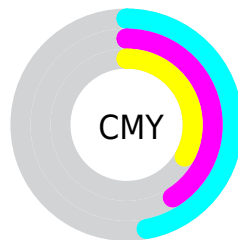


 Cyan (21%)

 Magenta (12%)

 Yellow (0%)

 Black (33%)



 Cyan (47%)

 Magenta (41%)

 Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4090, 30.2244, 42.8647 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 28.4090, 30.2244, 42.8647 by changing the saturation by 10% instead.

■ 28.4090, 30.2244,
42.8647

■ 28.4090, 30.2244,
42.8647

286.4609,
302.9490, 373.9599

■ 18.7762, 20.0090,
29.4484

■ 56.5409, 60.0169,
80.7908

■ 11.6117, 12.4016,
19.1718

■ 75.7707, 80.3627,
106.1377

■ 6.5502, 7.0178,
11.6164

■ 98.9302, 104.8541,
136.2984

■ 3.2262, 3.4732,
6.3637

126.3847,
133.8756, 171.6917

■ 1.2745, 1.3835,
2.9951

158.4998,
167.8114, 212.7359

■ 0.1640, 0.2045,
1.0921

195.6405,

■ 0.0000, 0.0000,

207.0460, 259.8496

0.0000

238.1725,
251.9637, 313.4515

■ 28.4090, 30.2244,
42.8647

■ 28.4090, 30.2244,
42.8647

■ 24.4080, 25.9837,
42.2575

■ 32.9769, 34.9418,
43.5350

■ 20.9473, 22.1994,
41.7095

■ 38.1315, 40.1479,
44.2682

■ 18.0020, 18.8549,
41.2192

■ 43.8948, 45.8588,
45.0667

■ 15.5441, 15.9312,
40.7844

■ 50.2868, 52.0888,
45.9324

■ 13.5425, 13.4074,
40.4027

■ 57.3269, 58.8515,
46.8666

■ 11.9624, 11.2606,
40.0716

■ 65.0331, 66.1601,
47.8712

■ 10.7626, 9.4642,
39.7881

■ 73.4231, 74.0270,
48.9474

■ 9.9358, 8.1103,
39.5704

■ 76.0592, 79.1372,
49.7949

■ 78.7295, 84.4778,
50.6850

Harmonies

Analogous

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



26.9033, 30.2244, 40.8970



28.4090, 30.2244, 42.8647



30.0581, 30.2244, 41.9640

Triad

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



28.4090, 30.2244, 42.8647



31.7359, 30.2244, 29.2965



26.2147, 30.2244, 27.8539

Complementary

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



28.4090, 30.2244, 42.8647



32.8895, 33.8500, 27.7227

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.



27.4366, 30.2244, 25.2607



28.4090, 30.2244, 42.8647



30.6322, 30.2244, 26.0358

Square

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



28.4090, 30.2244, 42.8647



32.0206, 30.2244, 33.8330



29.0481, 30.2244, 24.6285



25.6681, 30.2244, 32.0025

Rectangle

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



28.4090, 30.2244, 42.8647



31.0120, 30.2244, 39.8984



29.0481, 30.2244, 24.6285



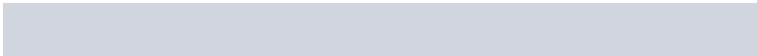
26.5578, 30.2244, 26.7880

Sweetspot

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



28.4099, 30.2256, 42.8654



63.4910, 67.0781, 78.6029



30.4549, 36.6372, 36.3896



14.0303, 14.8289, 17.5105



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.



28.4099, 30.2256, 42.8654



47.6115, 50.6938, 76.2774



26.2991, 25.5705, 42.0781



7.8609, 8.3213, 10.1445



7.5410, 6.2158, 29.8468



0.2649, 0.2831, 0.8487

Inverse Universe

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



31.0453, 28.2210, 33.0905



53.1934, 46.6828, 55.5203



35.3418, 39.3328, 28.6517



8.1476, 8.0723, 9.0881



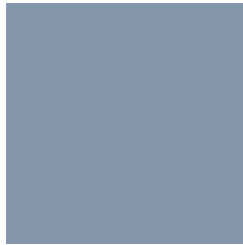
13.6700, 6.9305, 5.9075



0.4081, 0.2039, 0.3108

Previews

White Background



This preview shows how the XYZ color 28.4090, 30.2244, 42.8647 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 28.4090, 30.2244, 42.8647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

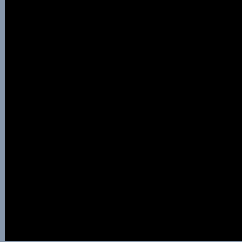
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 28.4090, 30.2244, 42.8647

Background



This preview shows how black text looks on a background with the XYZ color 28.4090, 30.2244, 42.8647.



This preview shows how white text looks on a background with the XYZ color 28.4090, 30.2244,

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

28.4090, 30.2244, 42.8647

Protanopia

29.6054, 30.1554, 41.7963

Deuteranopia

30.7087, 30.0017, 43.2021



Tritanopia

27.7606, 30.2051, 39.4890

Trichromacy



Original Color

28.4090, 30.2244, 42.8647

Protanomaly

29.1585, 30.1480, 42.3125

Deuteranomaly

29.7342, 29.9570, 43.2448

Tritanomaly

28.0348, 30.3148, 40.9330

Monochromacy



Original Color

28.4090, 30.2244, 42.8647

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.0759, 29.7348, 35.7121

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4090, 30.2244, 42.8647 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(135, 151, 171)` looks like.

```
.text, #text, p{  
    color:rgb(135, 151, 171)  
}
```

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(135, 151, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 151, 171) }
```

Border

The CSS property to change the border of an element to XYZ 28.4090, 30.2244, 42.8647 is called "border". The border property can be set on classes, ids or directly on the HTML element.

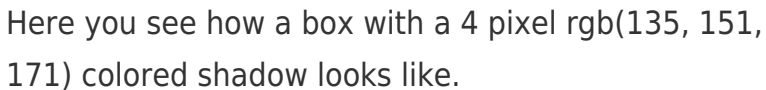
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 151, 171) }
```


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

```
.border{ border-color:rgb(135, 151, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 151, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 151, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 151, 171); box-shadow:4px 4px 4px 4px rgb(135, 151, 171) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4090, 30.2244, 42.8647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 151, 171) }
```

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

```
.background{ background-color: rgb(135,  
151, 171) }
```

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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