

Converting Colors

XYZ(28.0340, 30.0329, 42.8750)

Have a look what the booklet for
XYZ(28.0340, 30.0329, 42.8750)
contains.

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Color

**XYZ(28.0902, 30.0600,
42.8497)**

Conversions

Conversions Part 1

Format	Color
Hex	8597AB
RGB	133, 151, 171
RGB Percent	52%, 59%, 67%
CMY	0.4784, 0.4078, 0.3294
CMYK	0.22, 0.12, 0.00, 0.33
HSL	212°, 18%, 60%
HSV	212°, 22%, 67%
XYZ	28.0902, 30.0600, 42.8497
YIQ	147.8980, -17.1480, 2.4040

Conversions

Conversions Part 2

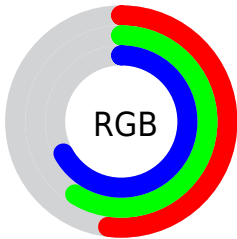
Format	Color
RYB	133, 145, 171
Decimal	8755115
CIELab	61.71, -1.89, -12.59
CIElCh	62, 12.729, 261.461
Yxy	30.0600, 0.2781, 0.2976
Android (android.graphics.Color)	4286945195 (0xFF8597AB)
YUV	147.8980, 11.3893, -13.0655
Hunter-Lab	54.8270, -4.4941, -7.9588

Details

The XYZ color **28.0902, 30.0600, 42.8497** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.4199, 33.1342, 26.8780**, and the grayscale version is **28.0657, 29.5273, 32.1552**.

A 20% lighter version of the original color is **56.0523, 59.7184, 80.5240**, and **11.4542, 12.2853, 19.2204** is the 20% darker color. If you saturate the color by 10%, you get **24.2138, 25.9936, 42.2696**, and if you desaturate by 10%, it is **32.5186, 34.5765, 43.4886**.

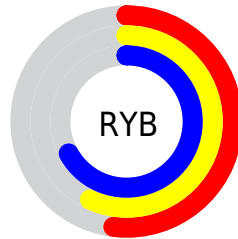
Distribution



Red (52%)

Green (59%)

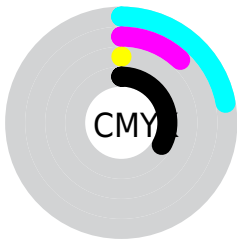
Blue (67%)



Red (52%)

Yellow (57%)

Blue (67%)

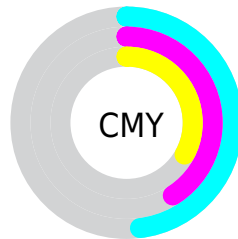


Cyan (22%)

Magenta (12%)

Yellow (0%)

Black (33%)



Cyan (48%)

Magenta (41%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0902, 30.0600, 42.8497 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 28.0902, 30.0600, 42.8497 by changing the saturation by 10% instead.

■ 28.0902, 30.0600,
42.8497

■ 28.0902, 30.0600,
42.8497

284.9699,
302.1840, 373.8963

■ 18.5345, 19.8841,
29.4367

■ 56.0361, 59.7571,
80.7679

■ 11.4364, 12.3108,
19.1630

■ 75.1569, 80.0470,
106.1102

■ 6.4306, 6.9557,
11.6101

■ 98.1968, 104.4772,
136.2660

■ 3.1518, 3.4344,
6.3595

125.5211,
133.4318, 171.6538

■ 1.2345, 1.3625,
2.9926

157.4953,
167.2955, 212.6922

■ 0.1334, 0.1889,
1.0908

194.4845,

■ 0.0000, 0.0000,

206.4525, 259.7998

0.0000

236.8543,
251.2872, 313.3949

■ 28.0902, 30.0600,
42.8497

■ 28.0902, 30.0600,
42.8497

■ 24.2138, 25.9936,
42.2696

■ 32.5186, 34.5765,
43.4886

■ 20.8629, 22.3580,
41.7445

■ 37.5183, 39.5546,
44.1859

■ 18.0128, 19.1372,
41.2730

■ 43.1112, 45.0095,
44.9440

■ 15.6358, 16.3132,
40.8532

■ 49.3172, 50.9548,
45.7645

■ 13.7009, 13.8658,
40.4828

■ 56.1549, 57.4035,
46.6488

■ 12.1732, 11.7729,
40.1593

■ 63.6425, 64.3680,
47.5985

■ 11.0115, 10.0087,
39.8800

■ 71.7972, 71.8602,
48.6148

■ 10.2936, 8.8260,
39.6896

■ 74.9782, 76.9752,
49.4345

■ 77.4470, 81.9127,
50.2574

Harmonies

Analogous

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



26.5893, 30.0600, 40.5829



28.0902, 30.0600, 42.8497



29.7796, 30.0600, 42.2027

Triad

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



28.0902, 30.0600, 42.8497



31.7112, 30.0600, 29.4343



26.0982, 30.0600, 27.2552

Complementary

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



28.0902, 30.0600, 42.8497



32.4199, 33.1342, 26.8780

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.



27.3958, 30.0600, 24.7932



28.0902, 30.0600, 42.8497



30.6491, 30.0600, 25.9621

Square

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



28.0902, 30.0600, 42.8497



31.9150, 30.0600, 34.1350



29.0575, 30.0600, 24.3443



25.4694, 30.0600, 31.3645

Rectangle

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



28.0902, 30.0600, 42.8497



30.7826, 30.0600, 40.2310



29.0575, 30.0600, 24.3443



26.4682, 30.0600, 26.2250

Sweetspot

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



28.0911, 30.0612, 42.8504



62.6723, 66.3634, 78.5081



29.9560, 36.4008, 35.4264



13.8625, 14.6861, 17.4917



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.



28.0911, 30.0612, 42.8504



46.5391, 49.9103, 76.1827



25.5122, 24.7545, 41.9620



7.8801, 8.3595, 10.1509



7.8118, 6.7575, 29.9371



0.2724, 0.2981, 0.8512

Inverse Universe

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



30.7688, 27.6682, 32.9982



52.3198, 45.0611, 54.8422



35.4541, 39.4068, 27.9288



8.1573, 8.0762, 9.1389



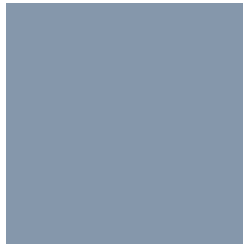
13.8067, 6.9852, 6.6274



0.4119, 0.2054, 0.3307

Previews

White Background



This preview shows how the XYZ color 28.0902, 30.0600, 42.8497 looks on a white background.

Color Contrast Check

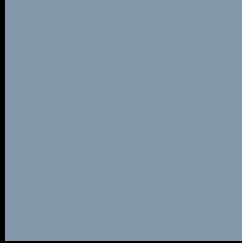
Large Text (above 18pt) WCAG AA × Fail

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 28.0902, 30.0600, 42.8497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

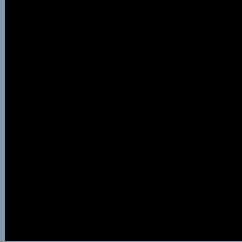
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

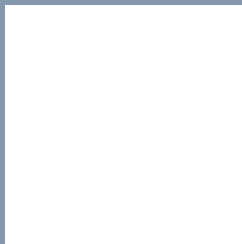
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.0902, 30.0600, 42.8497

Background



This preview shows how black text looks on a background with the XYZ color 28.0902, 30.0600, 42.8497.



This preview shows how white text looks on a background with the XYZ color 28.0902, 30.0600,

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

28.0902, 30.0600, 42.8497

Protanopia

29.4284, 30.0641, 41.7880

Deuteranopia

30.5207, 29.9048, 43.1933



Tritanopia

27.4448, 30.0423, 39.4742

Trichromacy



Original Color

28.0902, 30.0600, 42.8497

Protanomaly

28.9877, 30.0599, 42.3045

Deuteranomaly

29.5572, 29.8657, 43.2366

Tritanomaly

27.7190, 30.1520, 40.9182

Monochromacy



Original Color

28.0902, 30.0600, 42.8497

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 28.0902, 30.0600, 42.8497 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(133, 151, 171)` looks like.

```
.text, #text, p{  
    color:rgb(133, 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(133, 151, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 151, 171) }
```

Border

The CSS property to change the border of an element to XYZ 28.0902, 30.0600, 42.8497 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(133, 151, 171) }
```


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

```
.border{ border-color:rgb(133, 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(133, 151, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 151, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 151, 171);  
box-shadow:4px 4px 4px 4px rgb(133, 151,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0902, 30.0600, 42.8497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 151, 171) }
```

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

```
.background{ background-color: rgb(133,  
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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