

Converting Colors

XYZ(28.4860, 29.7772, 35.4993)

Have a look what the booklet for
XYZ(28.4860, 29.7772, 35.4993)
contains.

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Color

**XYZ(28.4447, 29.6911,
35.6842)**

Conversions

Conversions Part 1

Format	Color
Hex	92949C
RGB	146, 148, 156
RGB Percent	57%, 58%, 61%
CMY	0.4274, 0.4196, 0.3882
CMYK	0.06, 0.05, 0.00, 0.39
HSL	228°, 5%, 59%
HSV	228°, 6%, 61%
XYZ	28.4447, 29.6911, 35.6842
YIQ	148.3140, -3.7600, 2.0640

Conversions

Conversions Part 2

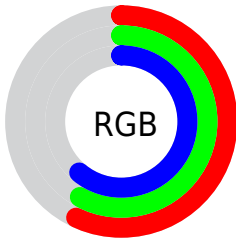
Format	Color
RYB	146, 148, 156
Decimal	9606300
CIELab	61.39, 0.88, -4.47
CIElCh	61, 4.551, 281.161
Yxy	29.6911, 0.3032, 0.3165
Android (android.graphics.Color)	4287796380 (0xFF92949C)
YUV	148.3140, 3.7892, -2.0294
Hunter-Lab	54.4895, -2.1759, -0.6853

Details

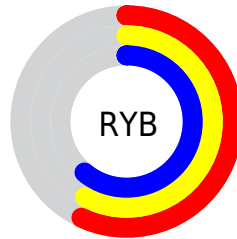
The XYZ color **28.4447, 29.6911, 35.6842** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4542, 32.2541, 31.8152**, and the grayscale version is **28.2659, 29.7379, 32.3846**.

A 20% lighter version of the original color is **56.5728, 59.1736, 69.4127**, and **11.6484, 12.0561, 15.0777** is the 20% darker color. If you saturate the color by 10%, you get **24.0061, 24.6534, 34.9462**, and if you desaturate by 10%, it is **33.4744, 35.3483, 36.5115**.

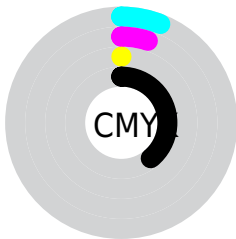
Distribution



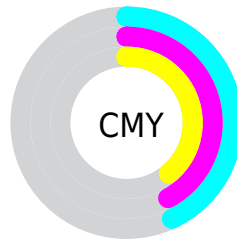
- Red (57%)
- Green (58%)
- Blue (61%)



- Red (57%)
- Yellow (58%)
- Blue (61%)



- Cyan (6%)
- Magenta (5%)
- Yellow (0%)
- Black (39%)



- Cyan (43%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4447, 29.6911, 35.6842 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 28.4447, 29.6911, 35.6842 by changing the saturation by 10% instead.

■ 28.4447, 29.6911,
35.6842

■ 28.4447, 29.6911,
35.6842

286.6275,
300.4619, 342.5737

■ 18.8033, 19.6042,
23.9026

■ 56.5973, 59.1733,
69.7079

■ 11.6314, 12.1077,
15.0499

■ 75.8393, 79.3375,
92.7871

■ 6.5636, 6.8171,
8.7074

99.0122, 103.6295,
120.4693

■ 3.2346, 3.3480,
4.4566

126.4813,
132.4339, 153.1730

■ 1.2790, 1.3160,
1.8790

158.6120,
166.1349, 191.3168

■ 0.1674, 0.1535,
0.4793

195.7697,

■ 0.0000, 0.0000,

205.1170, 235.3191

0.0000

238.3198,
249.7645, 285.5986

■ 28.4447, 29.6911,
35.6842

■ 28.4447, 29.6911,
35.6842

■ 24.0061, 24.6534,
34.9462

■ 33.4744, 35.3483,
36.5115

■ 20.1342, 20.2103,
34.2927

■ 39.1134, 41.6414,
37.4290

■ 16.8065, 16.3406,
33.7211

■ 45.3821, 48.5908,
38.4400

■ 13.9983, 13.0206,
33.2283

■ 52.2995, 56.2149,
39.5470

■ 11.6825, 10.2247,
32.8107

■ 59.8836, 64.5314,
40.7525

■ 9.8299, 7.9254,
32.4646

■ 68.1516, 73.5572,
42.0589

■ 8.4078, 6.0923,
32.1857

■ 77.0459, 83.2704,
43.4649

■ 7.3792, 4.6917,
31.9696

■ 80.7510, 90.6807,
44.7000

■ 6.6933, 3.6812,
31.8107

■ 83.0008, 95.1803,
45.4499

Harmonies

Analogous

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



27.8491, 29.6911, 35.5619



28.4447, 29.6911, 35.6842



28.9877, 29.6911, 34.8838

Triad

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



28.4447, 29.6911, 35.6842



29.0992, 29.6911, 30.1996



27.1413, 29.6911, 31.2720

Complementary

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



28.4447, 29.6911, 35.6842



30.4542, 32.2541, 31.8152

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.



27.4670, 29.6911, 29.9012



28.4447, 29.6911, 35.6842



28.5952, 29.6911, 29.2974

Square

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



28.4447, 29.6911, 35.6842



29.3691, 29.6911, 31.6924



27.9975, 29.6911, 29.1902



27.1023, 29.6911, 32.9732

Rectangle

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



28.4447, 29.6911, 35.6842



29.2446, 29.6911, 33.9507



27.9975, 29.6911, 29.1902



27.2206, 29.6911, 30.7589

Sweetspot

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



28.4456, 29.6924, 35.6849



55.5225, 58.2787, 65.4493



29.5618, 32.2159, 35.1598



12.2420, 12.8515, 14.4057



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.



28.4456, 29.6924, 35.6849



50.1788, 52.2493, 64.5672



28.6441, 29.3325, 35.6049



6.3870, 6.6397, 8.3516



5.3723, 2.8361, 26.1715



0.1216, 0.1019, 0.4765

Inverse Universe

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



29.3351, 29.7644, 32.2174



52.2150, 52.4265, 56.6275



30.2456, 32.6412, 31.9009



6.6847, 6.6668, 7.1906



11.5099, 5.9085, 1.6701



0.2187, 0.1108, 0.0978

Previews

White Background



This preview shows how the XYZ color 28.4447, 29.6911, 35.6842 looks on a white background.

Color Contrast Check

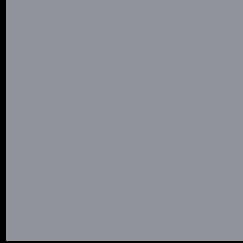
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4447, 29.6911, 35.6842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

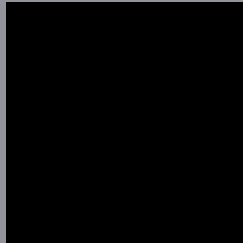
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.4447, 29.6911, 35.6842

Background



This preview shows how black text looks on a background with the XYZ color 28.4447, 29.6911, 35.6842.



This preview shows how white text looks on a background with the XYZ color 28.4447, 29.6911,

35.6842.

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

28.4447, 29.6911, 35.6842

Protanopia

28.8289, 29.6573, 35.6575

Deuteranopia

30.3571, 29.7518, 36.0410



Tritanopia

28.7243, 29.5737, 36.9952

Trichromacy



Original Color

28.4447, 29.6911, 35.6842

Protanomaly

28.6472, 29.5636, 35.6490

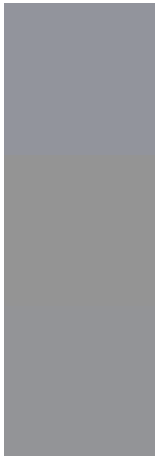
Deuteranomaly

29.5376, 29.5551, 36.0462

Tritanomaly

28.6379, 29.5391, 36.5400

Monochromacy



Original Color

28.4447, 29.6911, 35.6842

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.2084, 29.6172, 33.5081

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4447, 29.6911, 35.6842 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, 148, 156) looks like.

```
.text, #text, p{  
    color:rgb(146, 148, 156)  
}
```

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, 148, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 148, 156) }
```

Border

The CSS property to change the border of an element to XYZ 28.4447, 29.6911, 35.6842 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, 148, 156) }
```


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

```
.border{ border-color:rgb(146, 148, 156) }
```

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

Here you see how a box with a 4 pixel rgb(146, 148, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 148, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 148, 156);  
box-shadow:4px 4px 4px 4px rgb(146, 148,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4447, 29.6911, 35.6842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 148, 156) }
```

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

```
.background{ background-color: rgb(146,  
148, 156) }
```

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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