

Converting Colors

XYZ(28.1691, 29.5926, 36.7566)

Have a look what the booklet for
XYZ(28.1691, 29.5926, 36.7566)
contains.

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Color

**XYZ(28.0892, 29.4881,
36.5591)**

Conversions

Conversions Part 1

Format	Color
Hex	8F949E
RGB	143, 148, 158
RGB Percent	56%, 58%, 62%
CMY	0.4392, 0.4196, 0.3804
CMYK	0.09, 0.06, 0.00, 0.38
HSL	220°, 7%, 59%
HSV	220°, 9%, 62%
XYZ	28.0892, 29.4881, 36.5591
YIQ	147.6450, -6.1900, 2.0500

Conversions

Conversions Part 2

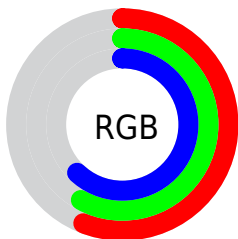
Format	Color
R_{YB}	143, 147, 158
Decimal	9409694
CIE _{Lab}	61.21, 0.24, -5.89
CIE _{LCh}	61, 5.893, 272.371
Yxy	29.4881, 0.2984, 0.3132
Android (android.graphics.Color)	4287599774 (0xFF8F949E)
YUV	147.6450, 5.1050, -4.0737
Hunter-Lab	54.3029, -2.6977, -1.9045

Details

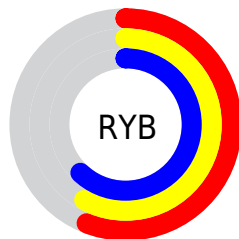
The XYZ color **28.0892, 29.4881, 36.5591** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **30.4499, 32.0346, 30.5656**, and the grayscale version is **27.9826, 29.4398, 32.0600**.

A 20% lighter version of the original color is **56.1567, 58.9155, 71.3628**, and **11.4427, 11.9381, 15.6111** is the 20% darker color. If you saturate the color by 10%, you get **23.9670, 25.0221, 35.9148**, and if you desaturate by 10%, it is **32.7487, 34.4559, 37.2729**.

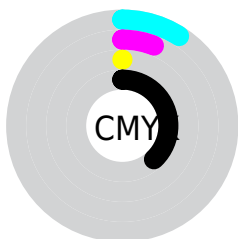
Distribution



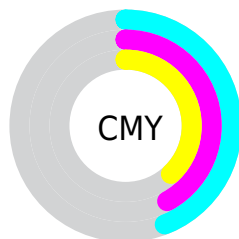
- Red (56%)
- Green (58%)
- Blue (62%)



- Red (56%)
- Yellow (58%)
- Blue (62%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)
- Black (38%)



- Cyan (44%)
- Magenta (42%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0892, 29.4881, 36.5591 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 28.0892, 29.4881, 36.5591 by changing the saturation by 10% instead.

■ 28.0892, 29.4881,
36.5591

■ 28.0892, 29.4881,
36.5591

284.9653,
299.5110, 346.5087

■ 18.5337, 19.4504,
24.5732

■ 56.0345, 58.8517,
71.0729

■ 11.4358, 11.9962,
15.5432

■ 75.1550, 78.9463,
94.4379

■ 6.4302, 6.7411,
9.0507

■ 98.1945, 103.1621,
122.4329

■ 3.1515, 3.3007,
4.6770

125.5184,
131.8833, 155.4766

■ 1.2344, 1.2907,
2.0036

157.4921,
165.4944, 193.9875

■ 0.1333, 0.1340,
0.5575

194.4809,

■ 0.0000, 0.0000,

204.3798, 238.3842

0.0000

236.8502,
248.9239, 289.0851

■ 28.0892, 29.4881,
36.5591

■ 28.0892, 29.4881,
36.5591

■ 23.9670, 25.0221,
35.9148

■ 32.7487, 34.4559,
37.2729

■ 20.3596, 21.0378,
35.3359

■ 37.9618, 39.9371,
38.0561

■ 17.2464, 17.5194,
34.8208

■ 43.7474, 45.9477,
38.9113

■ 14.6047, 14.4486,
34.3673

■ 50.1226, 52.5019,
39.8404

■ 12.4096, 11.8058,
33.9729

■ 57.1039, 59.6133,
40.8451

■ 10.6341, 9.5700,
33.6350

■ 64.7069, 67.2950,
41.9271

■ 9.2477, 7.7179,
33.3505

■ 72.9468, 75.5595,
43.0880

■ 8.2153, 6.2233,
33.1165

■ 76.3396, 81.5846,
44.0721

■ 7.4649, 5.0404,
32.9277

■ 79.3978, 87.7009,
45.0915

Harmonies

Analogous

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



27.3428, 29.4881, 36.0354



28.0892, 29.4881, 36.5591



28.8323, 29.4881, 35.8452

Triad

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



28.0892, 29.4881, 36.5591



29.3039, 29.4881, 29.8782



26.7290, 29.4881, 30.1704

Complementary

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



28.0892, 29.4881, 36.5591



30.4499, 32.0346, 30.5656

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.



27.2379, 29.4881, 28.6391



28.0892, 29.4881, 36.5591



28.7237, 29.4881, 28.4760

Square

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



28.0892, 29.4881, 36.5591



29.5416, 29.4881, 31.9314



27.9660, 29.4881, 28.0328



26.5661, 29.4881, 32.2843

Rectangle

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



28.0892, 29.4881, 36.5591



29.2233, 29.4881, 34.7819



27.9660, 29.4881, 28.0328



26.8649, 29.4881, 29.5739

Sweetspot

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



28.0901, 29.4893, 36.5598



56.3407, 59.2495, 67.2103



29.2842, 32.5856, 34.7756



12.5511, 13.1972, 15.1295



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.



28.0901, 29.4893, 36.5598



49.6534, 52.0913, 66.1811



27.7158, 28.1567, 36.3222



6.4565, 6.7787, 8.3748



5.9843, 4.0601, 26.3755



0.1438, 0.1461, 0.4839

Inverse Universe

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



29.2690, 29.0528, 32.0835



52.1604, 51.1904, 56.6565



30.8473, 33.4804, 30.8238



6.7197, 6.6808, 7.3753



11.8188, 6.0321, 3.2967



0.2299, 0.1153, 0.1566

Previews

White Background



This preview shows how the XYZ color 28.0892, 29.4881, 36.5591 looks on a white background.

Color Contrast Check

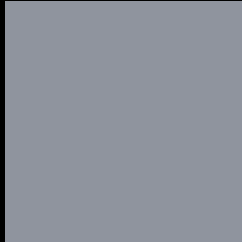
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0892, 29.4881, 36.5591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

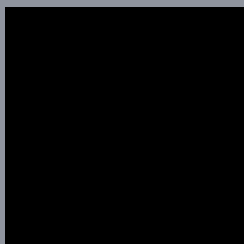
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.0892, 29.4881, 36.5591

Background



This preview shows how black text looks on a background with the XYZ color 28.0892, 29.4881, 36.5591.



This preview shows how white text looks on a background with the XYZ color 28.0892, 29.4881,

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

28.0892, 29.4881, 36.5591

Protanopia

28.5521, 29.5048, 36.0884

Deuteranopia

29.9851, 29.3162, 36.8791



Tritanopia

28.1756, 29.5227, 37.0143

Trichromacy



Original Color

28.0892, 29.4881, 36.5591

Protanomaly

28.3736, 29.4128, 36.0801

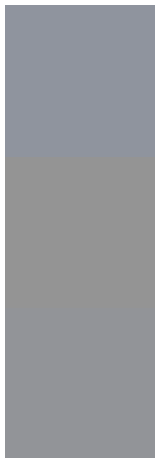
Deuteranomaly

29.3323, 29.4294, 36.9354

Tritanomaly

28.1756, 29.5227, 37.0143

Monochromacy



Original Color

28.0892, 29.4881, 36.5591

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.1115, 29.5578, 33.9294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0892, 29.4881, 36.5591 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(143, 148, 158)` looks like.

```
.text, #text, p{  
    color:rgb(143, 148, 158)  
}
```

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(143, 148, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 148, 158) }
```

Border

The CSS property to change the border of an element to XYZ 28.0892, 29.4881, 36.5591 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(143, 148, 158) }
```


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

```
.border{ border-color:rgb(143, 148, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 148, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 148, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 148, 158);  
box-shadow:4px 4px 4px 4px rgb(143, 148,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0892, 29.4881, 36.5591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 148, 158) }
```

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

```
.background{ background-color: rgb(143,  
148, 158) }
```

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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