

Converting Colors

XYZ(27.0140, 24.5625, 36.2898)

Have a look what the booklet for
XYZ(27.0140, 24.5625, 36.2898)
contains.

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Color

**XYZ(27.1140, 24.7139,
36.1421)**

Conversions

Conversions Part 1

Format	Color
Hex	99809F
RGB	153, 128, 159
RGB Percent	60%, 50%, 62%
CMY	0.4000, 0.4980, 0.3765
CMYK	0.04, 0.19, 0.00, 0.38
HSL	288°, 14%, 56%
HSV	288°, 19%, 62%
XYZ	27.1140, 24.7139, 36.1421
YIQ	139.0090, 4.9490, 14.9410

Conversions

Conversions Part 2

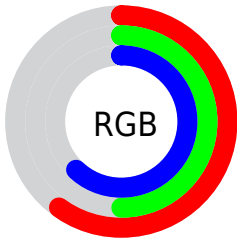
Format	Color
R_{YB}	153, 128, 159
Decimal	10059935
CIE _{Lab}	56.80, 15.37, -12.97
CIE _{LCh}	57, 20.111, 319.847
Yxy	24.7139, 0.3082, 0.2809
Android (android.graphics.Color)	4288250015 (0xFF99809F)
YUV	139.0090, 9.8556, 12.2701
Hunter-Lab	49.7131, 10.3578, -8.3055

Details

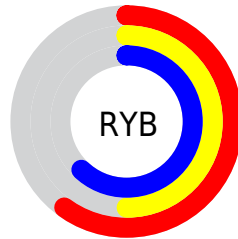
The XYZ color **27.1140, 24.7139, 36.1421** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **26.1270, 31.4239, 25.1118**, and the grayscale version is **24.5067, 25.7829, 28.0776**.

A 20% lighter version of the original color is **54.6739, 51.3127, 70.6410**, and **10.9822, 9.4995, 15.4421** is the 20% darker color. If you saturate the color by 10%, you get **24.6272, 20.5912, 35.4778**, and if you desaturate by 10%, it is **29.9423, 29.4964, 36.9165**.

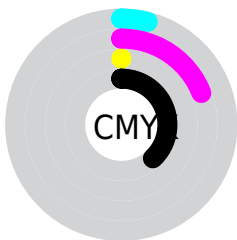
Distribution



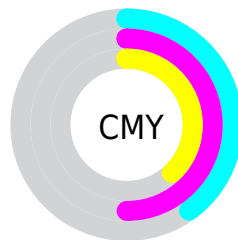
- Red (60%)
- Green (50%)
- Blue (62%)



- Red (60%)
- Yellow (50%)
- Blue (62%)



- Cyan (4%)
- Magenta (19%)
- Yellow (0%)
- Black (38%)



- Cyan (40%)
- Magenta (50%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1140, 24.7139, 36.1421 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 27.1140, 24.7139, 36.1421 by changing the saturation by 10% instead.

■ 27.1140, 24.7139,
36.1421

■ 27.1140, 24.7139,
36.1421

280.3662,
276.4101, 344.6374

■ 17.7959, 15.8640,
24.2534

■ 54.4853, 51.1927,
70.4228

■ 10.9023, 9.4280,
15.3078

■ 73.2693, 69.5904,
93.6520

■ 6.0680, 5.0214,
8.8866

■ 95.9392, 91.9396,
121.4983

■ 2.9275, 2.2598,
4.5715

122.8605,
118.6245, 154.3805

■ 1.1156, 0.7523,
1.9438

154.3985,
150.0296, 192.7169

■ 0.0381, 0.0000,
0.5204

190.9185,

■ 0.0000, 0.0000,

186.5393, 236.9261

0.0000

232.7859,
228.5380, 287.4268

■ 27.1140, 24.7139,
36.1421

■ 27.1140, 24.7139,
36.1421

■ 24.6272, 20.5912,
35.4778

■ 29.9423, 29.4964,
36.9165

■ 22.4644, 17.0949,
34.9169

■ 33.1240, 34.9639,
37.8042

■ 20.6100, 14.1935,
34.4546

■ 36.6734, 41.1439,
38.8100

■ 19.0461, 11.8512,
34.0850

■ 40.6030, 48.0618,
39.9381

■ 17.7528, 10.0287,
33.8013

■ 44.9249, 55.7413,
41.1926

■ 16.7078, 8.6813,
33.5963

■ 49.6506, 64.2055,
42.5773

■ 15.8848, 7.7568,
33.4613

■ 54.7912, 73.4762,
44.0958

■ 15.2258, 7.1392,
33.3768

■ 60.2919, 83.4437,
45.7298

■ 15.1937, 7.1097,
33.3728

■ 61.0042, 83.8109,
45.7631

Harmonies

Analogous

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



25.0569, 24.7139, 41.0026



27.1140, 24.7139, 36.1421



28.2223, 24.7139, 29.2545

Triad

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



27.1140, 24.7139, 36.1421



24.2950, 24.7139, 16.0789



19.4923, 24.7139, 31.5443

Complementary

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



27.1140, 24.7139, 36.1421



26.1270, 31.4239, 25.1118

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.



19.3184, 24.7139, 24.6928



27.1140, 24.7139, 36.1421



21.9894, 24.7139, 16.4836

Square

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



27.1140, 24.7139, 36.1421



26.5244, 24.7139, 18.1836



20.2039, 24.7139, 19.4001



20.6960, 24.7139, 38.0567

Rectangle

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



27.1140, 24.7139, 36.1421



28.2270, 24.7139, 24.7570



20.2039, 24.7139, 19.4001



19.3147, 24.7139, 29.1827

Sweetspot

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



27.1148, 24.7150, 36.1426



55.4775, 55.9952, 66.6276



23.7140, 24.1992, 36.2223



12.4317, 12.4944, 15.0001



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.



27.1148, 24.7150, 36.1426



46.7319, 41.2124, 64.2352



27.4990, 25.0028, 32.1051



6.7783, 6.6897, 8.3407



12.0338, 5.6326, 26.3602



0.2448, 0.1160, 0.4727

Inverse Universe

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



26.3213, 24.5317, 25.9036



45.1024, 40.8480, 42.6702



25.8381, 31.2009, 28.4416



6.6829, 6.6661, 7.1815



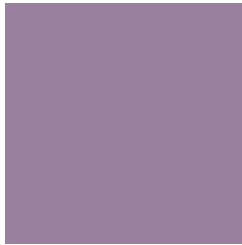
11.4984, 5.9039, 1.6098



0.2181, 0.1106, 0.0949

Previews

White Background



This preview shows how the XYZ color 27.1140, 24.7139, 36.1421 looks on a white background.

Color Contrast Check

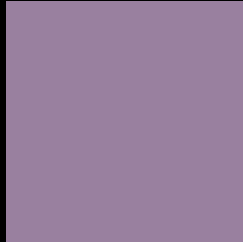
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1140, 24.7139, 36.1421 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 27.1140, 24.7139, 36.1421

Background



This preview shows how black text looks on a background with the XYZ color 27.1140, 24.7139, 36.1421.



This preview shows how white text looks on a background with the XYZ color 27.1140, 24.7139,

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

27.1140, 24.7139, 36.1421

Protanopia

24.5707, 24.7541, 38.6050

Deuteranopia

25.2065, 24.7326, 35.7931



Tritanopia

25.5017, 24.6397, 28.6112

Trichromacy



Original Color

27.1140, 24.7139, 36.1421

Protanomaly

25.2541, 24.5144, 37.5831

Deuteranomaly

25.7895, 24.6305, 35.7427

Tritanomaly

26.0904, 24.6827, 31.4061

Monochromacy



Original Color

27.1140, 24.7139, 36.1421

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

25.3539, 25.3326, 30.7475

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1140, 24.7139, 36.1421 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(153, 128, 159)` looks like.

```
.text, #text, p{  
    color:rgb(153, 128, 159)  
}
```

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(153, 128, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 128, 159) }
```

Border

The CSS property to change the border of an element to XYZ 27.1140, 24.7139, 36.1421 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(153, 128, 159) }
```


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

```
.border{ border-color:rgb(153, 128, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 128, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 128, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 128, 159);  
box-shadow:4px 4px 4px 4px rgb(153, 128,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1140, 24.7139, 36.1421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 128, 159) }
```

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

```
.background{ background-color: rgb(153,  
128, 159) }
```

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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