

Converting Colors

XYZ(27.1100, 24.9227, 33.8969)

Have a look what the booklet for
XYZ(27.1100, 24.9227, 33.8969)
contains.

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Color

**XYZ(27.2006, 25.0022,
33.9641)**

Conversions

Conversions Part 1

Format	Color
Hex	9B819A
RGB	155, 129, 154
RGB Percent	61%, 51%, 60%
CMY	0.3922, 0.4941, 0.3961
CMYK	0.00, 0.17, 0.01, 0.39
HSL	302°, 12%, 56%
HSV	302°, 17%, 61%
XYZ	27.2006, 25.0022, 33.9641
YIQ	139.6240, 7.4710, 13.2870

Conversions

Conversions Part 2

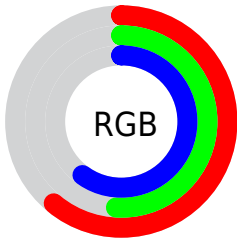
Format	Color
R _Y B	155, 129, 154
Decimal	10191258
CIE Lab	57.08, 14.51, -9.64
CIE LCh	57, 17.419, 326.387
Yxy	25.0022, 0.3157, 0.2902
Android (android.graphics.Color)	4288381338 (0xFF9B819A)
YUV	139.6240, 7.0874, 13.4848
Hunter-Lab	50.0022, 9.5980, -5.2713

Details

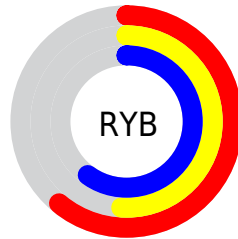
The XYZ color **27.2006, 25.0022, 33.9641** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.8049, 29.7223, 25.5502**, and the grayscale version is **24.7535, 26.0426, 28.3604**.

A 20% lighter version of the original color is **54.6915, 51.7116, 66.7733**, and **11.0258, 9.6597, 14.1153** is the 20% darker color. If you saturate the color by 10%, you get **25.2625, 21.2049, 33.0738**, and if you desaturate by 10%, it is **29.4502, 29.4212, 34.9600**.

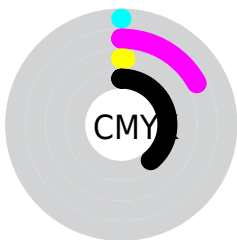
Distribution



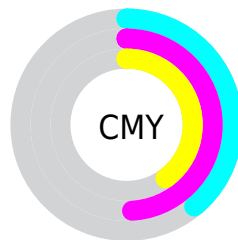
- Red (61%)
- Green (51%)
- Blue (60%)



- Red (61%)
- Yellow (51%)
- Blue (60%)



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (39%)



- Cyan (39%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2006, 25.0022, 33.9641 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 27.2006, 25.0022, 33.9641 by changing the saturation by 10% instead.

■ 27.2006, 25.0022,
33.9641

■ 27.2006, 25.0022,
33.9641

280.7769,
277.8489, 334.7362

■ 17.8613, 16.0787,
22.5889

■ 54.6232, 51.6608,
67.0111

■ 10.9495, 9.5799,
14.0878

■ 73.4372, 70.1647,
89.5200

■ 6.1000, 5.1213,
8.0423

■ 96.1402, 92.6308,
116.5771

■ 2.9472, 2.3186,
4.0339

123.0975,
119.4436, 148.6011

■ 1.1259, 0.7835,
1.6439

154.6745,
150.9874, 186.0105

■ 0.0466, 0.0000,
0.3219

191.2365,

■ 0.0000, 0.0000,

187.6466, 229.2237

0.0000

233.1489,
229.8056, 278.6595

■ 27.2006, 25.0022,
33.9641

■ 27.2006, 25.0022,
33.9641

■ 25.2625, 21.2049,
33.0738

■ 29.4502, 29.4212,
34.9600

■ 23.6197, 17.9983,
32.2829

■ 32.0220, 34.4847,
36.0642

■ 22.2580, 15.3534,
31.5870

■ 34.9291, 40.2184,
37.2814

■ 21.1611, 13.2378,
30.9805

■ 38.1831, 46.6455,
38.6155

■ 20.3111, 11.6155,
30.4575

■ 41.7951, 53.7883,
40.0701

■ 19.6878, 10.4462,
30.0112

■ 45.7757, 61.6678,
41.6488

■ 19.2679, 9.6833,
29.6340

■ 50.1350, 70.3043,
43.3550

■ 19.0152, 9.2545,
29.3138

■ 54.8828, 79.7175,
45.1919

■ 18.9455, 9.1398,
29.2146

■ 55.5679, 81.0047,
45.6758

Harmonies

Analogous

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



25.5594, 25.0022, 38.6420



27.2006, 25.0022, 33.9641



27.9196, 25.0022, 27.9409

Triad

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



27.2006, 25.0022, 33.9641



24.0132, 25.0022, 17.4380



20.4042, 25.0022, 32.5558

Complementary

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



27.2006, 25.0022, 33.9641



24.8049, 29.7223, 25.5502

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.



20.0424, 25.0022, 26.5178



27.2006, 25.0022, 33.9641



22.0544, 25.0022, 18.3096

Square

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



27.2006, 25.0022, 33.9641



26.0138, 25.0022, 18.8613



20.6295, 25.0022, 21.4389



21.6475, 25.0022, 37.7502

Rectangle

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



27.2006, 25.0022, 33.9641



27.7503, 25.0022, 24.1604



20.6295, 25.0022, 21.4389



20.1787, 25.0022, 30.5344

Sweetspot

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



27.2013, 25.0033, 33.9646



53.4717, 54.1264, 62.9260



22.9533, 22.8037, 34.2027



12.0380, 12.1233, 14.2148



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.



27.2013, 25.0033, 33.9646



47.3950, 42.1911, 60.2277



26.1864, 24.5973, 28.6199



6.4509, 6.3195, 7.7548



15.2202, 7.3423, 23.4824



0.2303, 0.1109, 0.3655

Inverse Universe

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



27.2013, 25.0033, 33.9646



47.3950, 42.1911, 60.2277



25.7234, 30.0897, 30.3867



6.4509, 6.3195, 7.7548



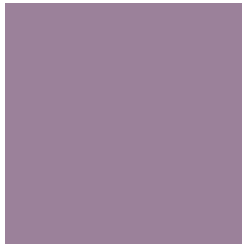
15.2202, 7.3423, 23.4824



0.2303, 0.1109, 0.3655

Previews

White Background



This preview shows how the XYZ color 27.2006, 25.0022, 33.9641 looks on a white background.

Color Contrast Check

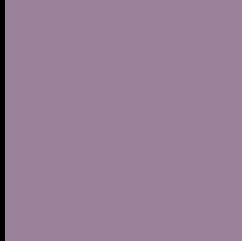
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2006, 25.0022, 33.9641 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 27.2006, 25.0022, 33.9641

Background



This preview shows how black text looks on a background with the XYZ color 27.2006, 25.0022, 33.9641.



This preview shows how white text looks on a background with the XYZ color 27.2006, 25.0022,

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

27.2006, 25.0022, 33.9641

Protanopia

24.7350, 25.0981, 36.3416

Deuteranopia

25.4650, 24.9146, 33.6038



Tritanopia

26.0609, 24.9280, 28.6373

Trichromacy



Original Color

27.2006, 25.0022, 33.9641

Protanomaly

25.4578, 24.8721, 35.3573

Deuteranomaly

26.0337, 25.0055, 33.5914

Tritanomaly

26.4974, 24.9106, 30.6058

Monochromacy



Original Color

27.2006, 25.0022, 33.9641

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.5920, 25.6724, 30.3945

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2006, 25.0022, 33.9641 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(155, 129, 154)` looks like.

```
.text, #text, p{  
    color:rgb(155, 129, 154)  
}
```

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(155, 129, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 129, 154) }
```

Border

The CSS property to change the border of an element to XYZ 27.2006, 25.0022, 33.9641 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(155, 129, 154) }
```


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

```
.border{ border-color:rgb(155, 129, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 129, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 129, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 129, 154);  
box-shadow:4px 4px 4px 4px rgb(155, 129,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2006, 25.0022, 33.9641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 129, 154) }
```

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

```
.background{ background-color: rgb(155,  
129, 154) }
```

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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