

Converting Colors

XYZ(24.9292, 28.0084, 34.0860)

Have a look what the booklet for
XYZ(24.9292, 28.0084, 34.0860)
contains.

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Color

**XYZ(24.9439, 27.9153,
34.2105)**

Conversions

Conversions Part 1

Format	Color
Hex	7E9499
RGB	126, 148, 153
RGB Percent	49%, 58%, 60%
CMY	0.5059, 0.4196, 0.4000
CMYK	0.18, 0.03, 0.00, 0.40
HSL	191°, 12%, 55%
HSV	191°, 18%, 60%
XYZ	24.9439, 27.9153, 34.2105
YIQ	141.9920, -14.7170, -3.1090

Conversions

Conversions Part 2

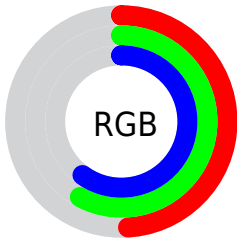
Format	Color
R_{YB}	126, 138, 153
Decimal	8295577
CIE _{Lab}	59.81, -6.66, -5.26
CIE _{LCh}	60, 8.481, 218.288
Yxy	27.9153, 0.2865, 0.3206
Android (android.graphics.Color)	4286485657 (0xFF7E9499)
YUV	141.9920, 5.4269, -14.0250
Hunter-Lab	52.8349, -8.1895, -1.4057

Details

The XYZ color **24.9439, 27.9153, 34.2105** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.0194, 24.5115, 23.1519**, and the grayscale version is **25.6920, 27.0300, 29.4357**.

A 20% lighter version of the original color is **50.9734, 56.3298, 67.2176**, and **9.6535, 11.0452, 14.1935** is the 20% darker color. If you saturate the color by 10%, you get **22.4194, 25.9631, 33.9672**, and if you desaturate by 10%, it is **27.8259, 30.0694, 34.4748**.

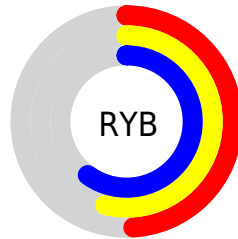
Distribution



Red (49%)

Green (58%)

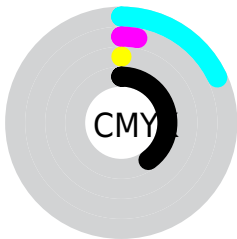
Blue (60%)



Red (49%)

Yellow (54%)

Blue (60%)

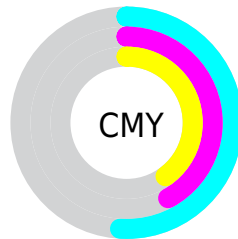


Cyan (18%)

Magenta (3%)

Yellow (0%)

Black (40%)



Cyan (51%)

Magenta (42%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9439, 27.9153, 34.2105 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 24.9439, 27.9153, 34.2105 by changing the saturation by 10% instead.

■ 24.9439, 27.9153,
34.2105

■ 24.9439, 27.9153,
34.2105

269.9112,
292.0620, 335.8674

■ 16.1638, 18.2618,
22.7767

■ 51.0097, 56.3492,
67.3985

■ 9.7317, 11.1381,
14.2250

■ 69.0262, 75.8984,
89.9898

■ 5.2823, 6.1598,
8.1368

■ 90.8521, 99.5149,
117.1373

■ 2.4503, 2.9425,
4.0936

116.8528,
127.5833, 149.2596

■ 0.8703, 1.1018,
1.6768

147.3938,
160.4877, 186.7752

■ 0.0000, 0.0000,
0.3448

182.8402,

■ 0.0000, 0.0000,

198.6127, 230.1027

0.0000

223.5576,
242.3427, 279.6606

■ 24.9439, 27.9153,
34.2105

■ 24.9439, 27.9153,
34.2105

■ 22.4194, 25.9631,
33.9672

■ 27.8259, 30.0694,
34.4748

■ 20.2344, 24.2012,
33.7423

■ 31.0778, 32.4298,
34.7590

■ 18.3727, 22.6219,
33.5356

■ 34.7143, 35.0047,
35.0644

■ 16.8160, 21.2156,
33.3462

■ 38.7484, 37.8011,
35.3915

■ 15.5439, 19.9717,
33.1731

■ 43.1926, 40.8255,
35.7411

■ 14.5337, 18.8784,
33.0153

■ 48.0590, 44.0843,
36.1136

■ 13.7587, 17.9217,
32.8715

■ 53.3589, 47.5833,
36.5096

■ 13.1721, 17.0776,
32.7395

■ 59.1034, 51.3285,
36.9297

■ 13.0427, 16.8855,
32.7093

■ 62.0284, 53.6371,
37.2212

Harmonies

Analogous

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



24.5403, 27.9153, 31.2559



24.9439, 27.9153, 34.2105



25.7757, 27.9153, 36.2300

Triad

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



24.9439, 27.9153, 34.2105



28.4987, 27.9153, 32.6368



26.2360, 27.9153, 24.9080

Complementary

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



24.9439, 27.9153, 34.2105



25.0194, 24.5115, 23.1519

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.



27.3043, 27.9153, 25.2228



24.9439, 27.9153, 34.2105



28.6300, 27.9153, 29.5500

Square

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



24.9439, 27.9153, 34.2105



27.8335, 27.9153, 35.2796



28.1875, 27.9153, 26.8743



25.2730, 27.9153, 25.9835

Rectangle

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



24.9439, 27.9153, 34.2105



26.4710, 27.9153, 36.7010



28.1875, 27.9153, 26.8743



26.5944, 27.9153, 24.8562

Sweetspot

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



24.9447, 27.9165, 34.2111



51.2519, 54.8912, 61.8658



24.0894, 28.8560, 25.7558



11.2370, 12.0621, 13.6534



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.9447, 27.9165, 34.2111



42.8948, 48.6349, 61.0987



22.9559, 23.9389, 33.5482



6.2873, 6.8320, 7.9163



10.8018, 14.0002, 27.0407



0.1838, 0.2540, 0.4117

Inverse Universe

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



25.9437, 23.8329, 31.2510



45.0282, 40.0557, 54.7453



26.9449, 28.3624, 23.7937



6.4122, 6.3040, 7.5505



13.9110, 6.8186, 16.5882



0.2192, 0.1064, 0.3074

Previews

White Background



This preview shows how the XYZ color 24.9439, 27.9153, 34.2105 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 24.9439, 27.9153, 34.2105 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

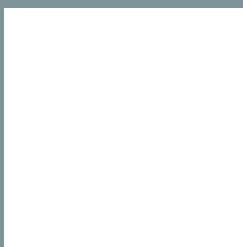
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9439, 27.9153, 34.2105

Background



This preview shows how black text looks on a background with the XYZ color 24.9439, 27.9153, 34.2105.



This preview shows how white text looks on a background with the XYZ color 24.9439, 27.9153,

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

24.9439, 27.9153, 34.2105

Protanopia

27.0045, 27.8667, 32.8097

Deuteranopia

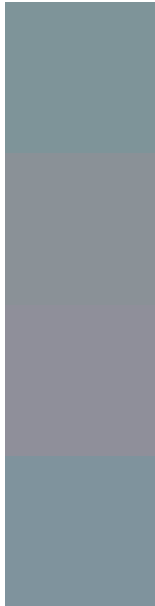
28.4313, 27.8950, 34.8961



Tritanopia

25.4441, 27.8827, 36.8417

Trichromacy



Original Color

24.9439, 27.9153, 34.2105

Protanomaly

26.1925, 27.8884, 33.2807

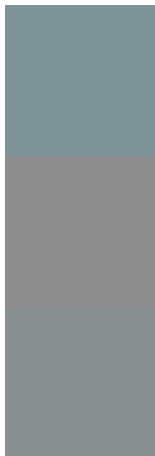
Deuteranomaly

26.9829, 27.8177, 34.5190

Tritanomaly

25.2719, 27.8138, 35.9349

Monochromacy



Original Color

24.9439, 27.9153, 34.2105

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.3149, 27.2561, 31.1208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9439, 27.9153, 34.2105 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(126, 148, 153)` looks like.

```
.text, #text, p{  
    color:rgb(126, 148, 153)  
}
```

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(126, 148, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 148, 153) }
```

Border

The CSS property to change the border of an element to XYZ 24.9439, 27.9153, 34.2105 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(126, 148, 153) }
```


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

```
.border{ border-color:rgb(126, 148, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 148, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 148, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 148, 153);  
box-shadow:4px 4px 4px 4px rgb(126, 148,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9439, 27.9153, 34.2105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 148, 153) }
```

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

```
.background{ background-color: rgb(126,  
148, 153) }
```

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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