

Converting Colors

XYZ(24.8883, 27.1209, 34.8610)

Have a look what the booklet for
XYZ(24.8883, 27.1209, 34.8610)
contains.

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Color

**XYZ(24.9439, 27.2066,
34.9471)**

Conversions

Conversions Part 1

Format	Color
Hex	80919B
RGB	128, 145, 155
RGB Percent	50%, 57%, 61%
CMY	0.4980, 0.4314, 0.3922
CMYK	0.17, 0.06, 0.00, 0.39
HSL	202°, 12%, 55%
HSV	202°, 17%, 61%
XYZ	24.9439, 27.2066, 34.9471
YIQ	141.0570, -13.3420, -0.4940

Conversions

Conversions Part 2

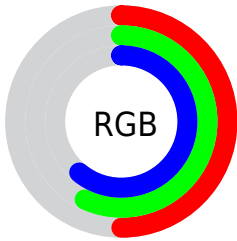
Format	Color
R_{YB}	128, 138, 155
Decimal	8425883
CIE _{Lab}	59.17, -3.87, -7.34
CIE _{LCh}	59, 8.297, 242.211
Yxy	27.2066, 0.2864, 0.3124
Android (android.graphics.Color)	4286615963 (0xFF80919B)
YUV	141.0570, 6.8739, -11.4510
Hunter-Lab	52.1599, -5.9177, -3.2123

Details

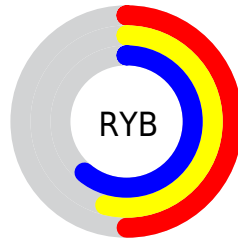
The XYZ color **24.9439, 27.2066, 34.9471** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.5025, 26.7040, 24.1801**, and the grayscale version is **25.3181, 26.6366, 29.0073**.

A 20% lighter version of the original color is **50.9881, 55.2741, 68.3032**, and **9.7328, 10.8036, 14.6690** is the 20% darker color. If you saturate the color by 10%, you get **21.9334, 24.3860, 34.5618**, and if you desaturate by 10%, it is **28.3565, 30.3017, 35.3651**.

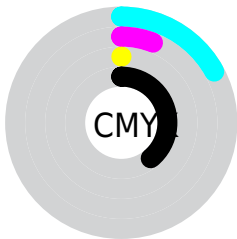
Distribution



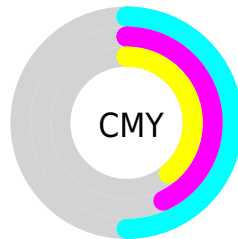
- Red (50%)
- Green (57%)
- Blue (61%)



- Red (50%)
- Yellow (54%)
- Blue (61%)



- Cyan (17%)
- Magenta (6%)
- Yellow (0%)
- Black (39%)



- Cyan (50%)
- Magenta (43%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9439, 27.2066, 34.9471 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, 27.2066, 34.9471 by changing the saturation by 10% instead.

■ 24.9439, 27.2066,
34.9471

■ 24.9439, 27.2066,
34.9471

269.9112,
288.6561, 339.2319

■ 16.1638, 17.7284,
23.3389

■ 51.0097, 55.2152,
68.5545

■ 9.7317, 10.7552,
14.6363

■ 69.0262, 74.5145,
91.3907

■ 5.2823, 5.9025,
8.4208

■ 90.8521, 97.8562,
118.8067

■ 2.4503, 2.7859,
4.2737

116.8528,
125.6248, 151.2210

■ 0.8703, 1.0210,
1.7767

147.3938,
158.2047, 189.0521

■ 0.0000, 0.0000,
0.4125

182.8402,

■ 0.0000, 0.0000,

195.9803, 232.7186

0.0000

223.5576,
239.3359, 282.6390

■ 24.9439, 27.2066,
34.9471

■ 24.9439, 27.2066,
34.9471

■ 21.9334, 24.3860,
34.5618

■ 28.3565, 30.3017,
35.3651

■ 19.3059, 21.8270,
34.2063

■ 32.1845, 33.6769,
35.8148

■ 17.0440, 19.5204,
33.8803

■ 36.4435, 37.3420,
36.2978

■ 15.1284, 17.4550,
33.5826

■ 41.1477, 41.3051,
36.8148

■ 13.5374, 15.6188,
33.3121

■ 46.3104, 45.5740,
37.3667

■ 12.2468, 13.9983,
33.0673

■ 51.9445, 50.1563,
37.9542

■ 11.2288, 12.5779,
32.8468

■ 58.0623, 55.0590,
38.5781

■ 10.4366, 11.3325,
32.6482

■ 64.6756, 60.2892,
39.2390

■ 10.2473, 11.0283,
32.5994

■ 67.0455, 63.4046,
39.7155

Harmonies

Analogous

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



24.2144, 27.2066, 32.7607



24.9439, 27.2066, 34.9471



25.9358, 27.2066, 35.6800

Triad

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



24.9439, 27.2066, 34.9471



27.8954, 27.2066, 29.4044



24.8145, 27.2066, 25.0656

Complementary

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



24.9439, 27.2066, 34.9471



26.5025, 26.7040, 24.1801

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.



25.7825, 27.2066, 24.2941



24.9439, 27.2066, 34.9471



27.5766, 27.2066, 26.6930

Square

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



24.9439, 27.2066, 34.9471



27.6567, 27.2066, 32.3558



26.7963, 27.2066, 24.8698



24.1411, 27.2066, 27.0493

Rectangle

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



24.9439, 27.2066, 34.9471



26.6173, 27.2066, 35.2090



26.7963, 27.2066, 24.8698



25.1153, 27.2066, 24.6621

Sweetspot

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



24.9447, 27.2077, 34.9477



52.3068, 55.6240, 63.5159



25.2041, 29.8645, 28.4433



11.7412, 12.5030, 14.3649



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.



24.9447, 27.2077, 34.9477



42.4362, 46.6513, 62.3043



23.0161, 23.3505, 34.3048



6.1922, 6.6418, 7.8846



8.2678, 8.9324, 26.1961



0.1582, 0.2027, 0.4032

Inverse Universe

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



26.3482, 24.4518, 30.1204



45.4718, 40.8623, 51.8252



28.5454, 30.7898, 24.8611



6.3641, 6.2848, 7.2976



12.6320, 6.3070, 9.8530



0.2063, 0.1013, 0.2392

Previews

White Background



This preview shows how the XYZ color 24.9439, 27.2066, 34.9471 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, 27.2066, 34.9471 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

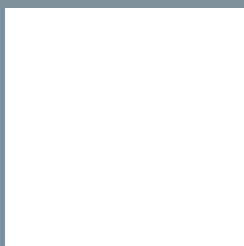
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9439, 27.2066, 34.9471

Background



This preview shows how black text looks on a background with the XYZ color 24.9439, 27.2066, 34.9471.



This preview shows how white text looks on a background with the XYZ color 24.9439, 27.2066,

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, 27.2066, 34.9471

Protanopia

26.4300, 27.1004, 33.9749

Deuteranopia

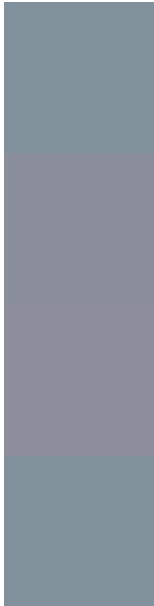
27.4837, 26.9668, 35.2091



Tritanopia

25.0282, 27.2403, 35.3913

Trichromacy



Original Color

24.9439, 27.2066, 34.9471

Protanomaly

25.8223, 26.9975, 34.4219

Deuteranomaly

26.5101, 27.1128, 35.2885

Tritanomaly

25.0282, 27.2403, 35.3913

Monochromacy



Original Color

24.9439, 27.2066, 34.9471

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.0147, 26.6556, 31.0208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9439, 27.2066, 34.9471 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(128, 145, 155)` looks like.

```
.text, #text, p{  
    color:rgb(128, 145, 155)  
}
```

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(128, 145, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 145, 155) }
```

Border

The CSS property to change the border of an element to XYZ 24.9439, 27.2066, 34.9471 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(128, 145, 155) }
```


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

```
.border{ border-color:rgb(128, 145, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 145, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 145, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 145, 155);  
box-shadow:4px 4px 4px 4px rgb(128, 145,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9439, 27.2066, 34.9471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 145, 155) }
```

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

```
.background{ background-color: rgb(128,  
145, 155) }
```

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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