

Converting Colors

XYZ(24.9938, 27.7943, 34.1847)

Have a look what the booklet for
XYZ(24.9938, 27.7943, 34.1847)
contains.

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Color

**XYZ(24.9359, 27.6794,
34.1654)**

Conversions

Conversions Part 1

Format	Color
Hex	7F9399
RGB	127, 147, 153
RGB Percent	50%, 58%, 60%
CMY	0.5020, 0.4235, 0.4000
CMYK	0.17, 0.04, 0.00, 0.40
HSL	194°, 11%, 55%
HSV	194°, 17%, 60%
XYZ	24.9359, 27.6794, 34.1654
YIQ	141.7040, -13.8460, -2.3740

Conversions

Conversions Part 2

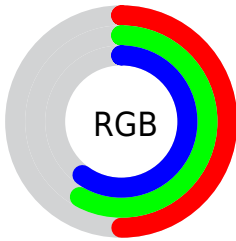
Format	Color
R_{YB}	127, 138, 153
Decimal	8360857
CIE Lab	59.60, -5.77, -5.56
CIE LCh	60, 8.015, 223.971
Yxy	27.6794, 0.2873, 0.3190
Android (android.graphics.Color)	4286550937 (0xFF7F9399)
YUV	141.7040, 5.5689, -12.8954
Hunter-Lab	52.6112, -7.4668, -1.6747

Details

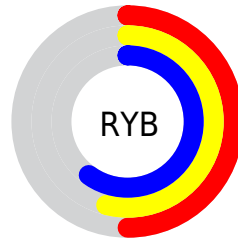
The XYZ color **24.9359, 27.6794, 34.1654** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.3554, 25.0796, 23.5837**, and the grayscale version is **25.5775, 26.9096, 29.3045**.

A 20% lighter version of the original color is **50.9715, 55.9816, 67.1505**, and **9.6417, 10.9028, 14.1667** is the 20% darker color. If you saturate the color by 10%, you get **22.2877, 25.5126, 33.8872**, and if you desaturate by 10%, it is **27.9486, 30.0606, 34.4667**.

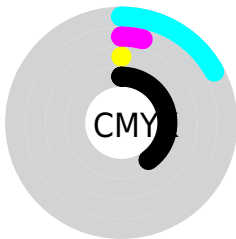
Distribution



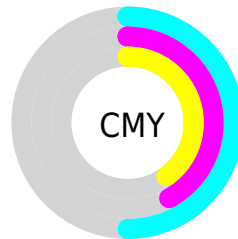
- Red (50%)
- Green (58%)
- Blue (60%)



- Red (50%)
- Yellow (54%)
- Blue (60%)



- Cyan (17%)
- Magenta (4%)
- Yellow (0%)
- Black (40%)



- Cyan (50%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9359, 27.6794, 34.1654 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 24.9359, 27.6794, 34.1654 by changing the saturation by 10% instead.

■ 24.9359, 27.6794,
34.1654

■ 24.9359, 27.6794,
34.1654

269.8721,
290.9318, 335.6606

■ 16.1578, 18.0841,
22.7423

■ 50.9969, 55.9722,
67.3276

■ 9.7274, 11.0104,
14.1998

■ 69.0104, 75.4385,
89.9038

■ 5.2795, 6.0738,
8.1194

■ 90.8331, 98.9639,
117.0348

■ 2.4486, 2.8900,
4.0826

116.8304,
126.9329, 149.1392

■ 0.8694, 1.0746,
1.6708

147.3676,
159.7297, 186.6354

■ 0.0000, 0.0000,
0.3406

182.8100,

■ 0.0000, 0.0000,

197.7389, 229.9420

0.0000

223.5231,
241.3448, 279.4775

■ 24.9359, 27.6794,
34.1654

■ 24.9359, 27.6794,
34.1654

■ 22.2877, 25.5126,
33.8872

■ 27.9486, 30.0606,
34.4667

■ 19.9860, 23.5484,
33.6294

■ 31.3381, 32.6605,
34.7899

■ 18.0145, 21.7791,
33.3918

■ 35.1191, 35.4877,
35.1363

■ 16.3550, 20.1949,
33.1735

■ 39.3048, 38.5492,
35.5066

■ 14.9873, 18.7852,
32.9734

■ 43.9077, 41.8516,
35.9014

■ 13.8884, 17.5380,
32.7906

■ 48.9398, 45.4013,
36.3214

■ 13.0323, 16.4396,
32.6237

■ 54.4126, 49.2045,
36.7670

■ 12.3766, 15.4679,
32.4707

■ 60.3370, 53.2670,
37.2389

■ 12.1937, 15.1876,
32.4263

■ 63.0637, 55.7077,
37.5663

Harmonies

Analogous

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



24.4692, 27.6794, 31.5005



24.9359, 27.6794, 34.1654



25.7760, 27.6794, 35.8038

Triad

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



24.9359, 27.6794, 34.1654



28.2187, 27.6794, 31.6995



25.8425, 27.6794, 25.0585

Complementary

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



24.9359, 27.6794, 34.1654



25.3554, 25.0796, 23.5837

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.



26.8481, 27.6794, 25.1042



24.9359, 27.6794, 34.1654



28.2376, 27.6794, 28.8157

Square

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



24.9359, 27.6794, 34.1654



27.6794, 27.6794, 34.3191



27.7304, 27.6794, 26.4405



24.9835, 27.6794, 26.3114

Rectangle

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



24.9359, 27.6794, 34.1654



26.4431, 27.6794, 36.0317



27.7304, 27.6794, 26.4405



26.1742, 27.6794, 24.9251

Sweetspot

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



24.9367, 27.6805, 34.1660



51.1492, 54.6857, 61.8315



24.3525, 28.9783, 26.3681



11.2115, 12.0110, 13.6449



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.



24.9367, 27.6805, 34.1660



42.9726, 48.2092, 61.0124



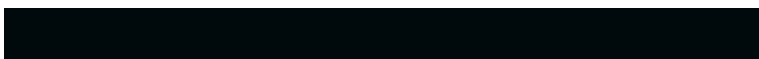
23.0785, 23.9642, 33.5466



6.2637, 6.7848, 7.9084



10.1037, 12.6040, 26.8080



0.1775, 0.2413, 0.4096

Inverse Universe

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



25.9934, 24.0582, 30.8788



45.2095, 40.6716, 54.0244



27.1906, 28.7500, 24.1954



6.4002, 6.2993, 7.4877



13.5586, 6.6777, 14.7327



0.2161, 0.1052, 0.2906

Previews

White Background



This preview shows how the XYZ color 24.9359, 27.6794, 34.1654 looks on a white background.

Color Contrast Check

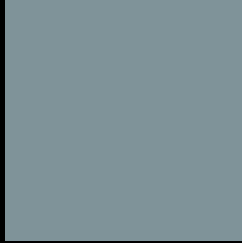
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9359, 27.6794, 34.1654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

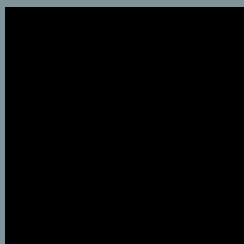
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

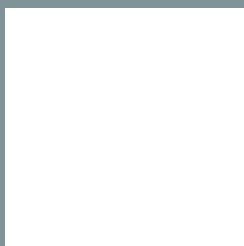
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9359, 27.6794, 34.1654

Background



This preview shows how black text looks on a background with the XYZ color 24.9359, 27.6794, 34.1654.



This preview shows how white text looks on a background with the XYZ color 24.9359, 27.6794,

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

24.9359, 27.6794, 34.1654

Protanopia

26.6796, 27.4773, 32.7516

Deuteranopia

28.0979, 27.5072, 34.8388



Tritanopia

25.3525, 27.6156, 36.3419

Trichromacy



Original Color

24.9359, 27.6794, 34.1654

Protanomaly

26.0404, 27.5842, 33.2300

Deuteranomaly

26.8334, 27.5187, 34.4692

Tritanomaly

25.1817, 27.5473, 35.4424

Monochromacy



Original Color

24.9359, 27.6794, 34.1654

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.4781, 27.3402, 31.1285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9359, 27.6794, 34.1654 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(127, 147, 153)` looks like.

```
.text, #text, p{  
    color:rgb(127, 147, 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(127, 147, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 147, 153) }
```

Border

The CSS property to change the border of an element to XYZ 24.9359, 27.6794, 34.1654 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(127, 147, 153) }
```


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

```
.border{ border-color:rgb(127, 147, 153) }
```

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

Here you see how a box with a 4 pixel rgb(127, 147, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 147, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 147, 153);  
box-shadow:4px 4px 4px 4px rgb(127, 147,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9359, 27.6794, 34.1654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 147, 153) }
```

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

```
.background{ background-color: rgb(127,  
147, 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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