

Converting Colors

XYZ(24.7947, 27.2857, 34.0974)

Have a look what the booklet for
XYZ(24.7947, 27.2857, 34.0974)
contains.

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Color

**XYZ(24.9307, 27.4469,
34.1208)**

Conversions

Conversions Part 1

Format	Color
Hex	809299
RGB	128, 146, 153
RGB Percent	50%, 57%, 60%
CMY	0.4980, 0.4274, 0.4000
CMYK	0.16, 0.05, 0.00, 0.40
HSL	197°, 11%, 55%
HSV	197°, 16%, 60%
XYZ	24.9307, 27.4469, 34.1208
YIQ	141.4160, -12.9750, -1.6390

Conversions

Conversions Part 2

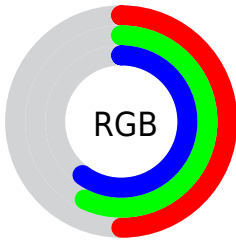
Format	Color
R_{YB}	128, 138, 153
Decimal	8426137
CIE _{Lab}	59.39, -4.88, -5.87
CIE _{LCh}	59, 7.632, 230.295
Yxy	27.4469, 0.2882, 0.3173
Android (android.graphics.Color)	4286616217 (0xFF809299)
YUV	141.4160, 5.7109, -11.7658
Hunter-Lab	52.3898, -6.7394, -1.9420

Details

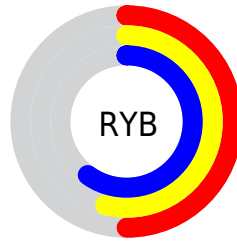
The XYZ color **24.9307, 27.4469, 34.1208** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.6972, 25.6585, 24.0206**, and the grayscale version is **25.4633, 26.7894, 29.1736**.

A 20% lighter version of the original color is **50.9728, 55.6373, 67.0840**, and **9.7230, 10.9448, 14.1705** is the 20% darker color. If you saturate the color by 10%, you get **22.1530, 25.0539, 33.8057**, and if you desaturate by 10%, it is **28.0818, 30.0706, 34.4616**.

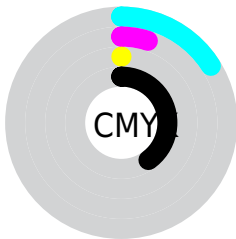
Distribution



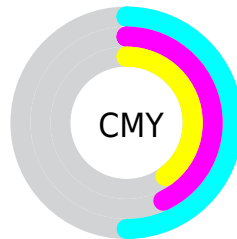
- Red (50%)
- Green (57%)
- Blue (60%)



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



- Cyan (16%)
- Magenta (5%)
- Yellow (0%)
- Black (40%)



- Cyan (50%)
- Magenta (43%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9307, 27.4469, 34.1208 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 24.9307, 27.4469, 34.1208 by changing the saturation by 10% instead.

■ 24.9307, 27.4469,
34.1208

■ 24.9307, 27.4469,
34.1208

269.8467,
289.8145, 335.4559

■ 16.1539, 17.9091,
22.7083

■ 50.9885, 55.6002,
67.2575

■ 9.7247, 10.8848,
14.1750

■ 69.0002, 74.9845,
89.8188

■ 5.2776, 5.9894,
8.1023

■ 90.8208, 98.4197,
116.9335

■ 2.4475, 2.8386,
4.0718

116.8159,
126.2904, 149.0200

■ 0.8689, 1.0481,
1.6648

147.3506,
158.9808, 186.4970

■ 0.0000, 0.0000,
0.3365

182.7904,

■ 0.0000, 0.0000,

196.8753, 229.7830

0.0000

223.5006,
240.3584, 279.2964

■ 24.9307, 27.4469,
34.1208

■ 24.9307, 27.4469,
34.1208

■ 22.1530, 25.0539,
33.8057

■ 28.0818, 30.0706,
34.4616

■ 19.7305, 22.8796,
33.5137

■ 31.6186, 32.9295,
34.8270

■ 17.6472, 20.9160,
33.2445

■ 35.5560, 36.0324,
35.2184

■ 15.8845, 19.1533,
32.9972

■ 39.9071, 39.3864,
35.6365

■ 14.4223, 17.5806,
32.7707

■ 44.6845, 42.9985,
36.0819

■ 13.2380, 16.1858,
32.5639

■ 49.9003, 46.8752,
36.5552

■ 12.3053, 14.9549,
32.3755

■ 55.5661, 51.0228,
37.0572

■ 11.5858, 13.8677,
32.2036

■ 61.6930, 55.4475,
37.5883

■ 11.3447, 13.4897,
32.1433

■ 64.2441, 58.0685,
37.9597

Harmonies

Analogous

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



24.4011, 27.4469, 31.7484



24.9307, 27.4469, 34.1208



25.7788, 27.4469, 35.3801

Triad

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



24.9307, 27.4469, 34.1208



27.9416, 27.4469, 30.7813



25.4551, 27.4469, 25.2144

Complementary

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



24.9307, 27.4469, 34.1208



25.6972, 25.6585, 24.0206

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.



26.3986, 27.4469, 24.9905



24.9307, 27.4469, 34.1208



27.8498, 27.4469, 28.0960

Square

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



24.9307, 27.4469, 34.1208



27.5273, 27.4469, 33.3758



27.2794, 27.4469, 26.0151



24.6987, 27.4469, 26.6465

Rectangle

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



24.9307, 27.4469, 34.1208



26.4173, 27.4469, 35.3696



27.2794, 27.4469, 26.0151



25.7603, 27.4469, 24.9989

Sweetspot

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



24.9315, 27.4480, 34.1214



51.0385, 54.4643, 61.7946



24.6435, 29.1120, 27.1195



11.1841, 11.9561, 13.6358



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.



24.9315, 27.4480, 34.1214



42.5522, 47.3683, 60.8722



23.1543, 23.8937, 33.5290



6.2384, 6.7341, 7.9000



9.4051, 11.2069, 26.5751



0.1707, 0.2277, 0.4073

Inverse Universe

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



26.0449, 24.2864, 30.5106



44.9973, 40.5867, 52.9069



27.4932, 29.2506, 24.6193



6.3874, 6.2941, 7.4203



13.2060, 6.5366, 12.8759



0.2126, 0.1038, 0.2725

Previews

White Background



This preview shows how the XYZ color 24.9307, 27.4469, 34.1208 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 24.9307, 27.4469, 34.1208 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

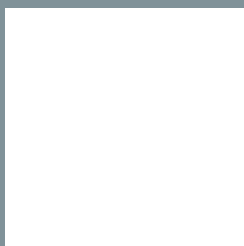
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.9307, 27.4469, 34.1208

Background



This preview shows how black text looks on a background with the XYZ color 24.9307, 27.4469, 34.1208.



This preview shows how white text looks on a background with the XYZ color 24.9307, 27.4469,

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

24.9307, 27.4469, 34.1208

Protanopia

26.5866, 27.4200, 33.1695

Deuteranopia

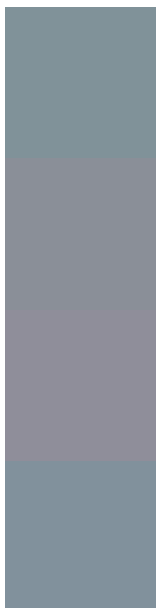
27.8279, 27.3776, 34.3896



Tritanopia

25.2645, 27.3522, 35.8462

Trichromacy



Original Color

24.9307, 27.4469, 34.1208

Protanomaly

25.9712, 27.3152, 33.6093

Deuteranomaly

26.8334, 27.5187, 34.4692

Tritanomaly

25.1794, 27.3182, 35.3983

Monochromacy



Original Color

24.9307, 27.4469, 34.1208

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.0866, 26.9235, 30.6626

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9307, 27.4469, 34.1208 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, 146, 153)` looks like.

```
.text, #text, p{  
    color:rgb(128, 146, 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(128, 146, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 146, 153) }
```

Border

The CSS property to change the border of an element to XYZ 24.9307, 27.4469, 34.1208 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, 146, 153) }
```


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

```
.border{ border-color:rgb(128, 146, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 146, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 146, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 146, 153);  
box-shadow:4px 4px 4px 4px rgb(128, 146,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9307, 27.4469, 34.1208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 146, 153) }
```

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

```
.background{ background-color: rgb(128,  
146, 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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