

Converting Colors

XYZ(24.2050, 27.2076, 34.1131)

Have a look what the booklet for
XYZ(24.2050, 27.2076, 34.1131)
contains.

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Color

**XYZ(24.2095, 27.3049,
34.1314)**

Conversions

Conversions Part 1

Format	Color
Hex	7A9399
RGB	122, 147, 153
RGB Percent	48%, 58%, 60%
CMY	0.5216, 0.4235, 0.4000
CMYK	0.20, 0.04, 0.00, 0.40
HSL	192°, 13%, 54%
HSV	192°, 20%, 60%
XYZ	24.2095, 27.3049, 34.1314
YIQ	140.2090, -16.8260, -3.4340

Conversions

Conversions Part 2

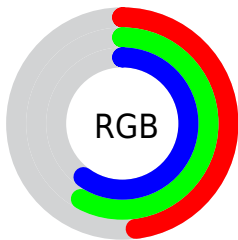
Format	Color
R_{YB}	122, 136, 153
Decimal	8033177
CIE _{Lab}	59.26, -7.43, -6.11
CIE _{LCh}	59, 9.620, 219.430
Y _{xy}	27.3049, 0.2827, 0.3188
Android (android.graphics.Color)	4286223257 (0xFF7A9399)
YUV	140.2090, 6.3060, -15.9693
Hunter-Lab	52.2541, -8.7450, -2.1493

Details

The XYZ color **24.2095, 27.3049, 34.1314** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.3691, 23.6158, 21.6868**, and the grayscale version is **24.9900, 26.2915, 28.6314**.

A 20% lighter version of the original color is **49.8283, 55.3922, 67.0970**, and **9.3288, 10.7415, 14.1520** is the 20% darker color. If you saturate the color by 10%, you get **21.7571, 25.3667, 33.8870**, and if you desaturate by 10%, it is **27.0164, 29.4449, 34.3970**.

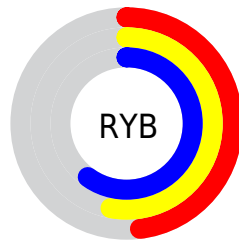
Distribution



Red (48%)

Green (58%)

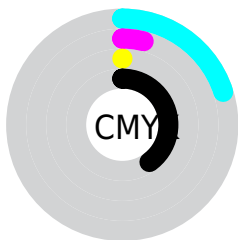
Blue (60%)



Red (48%)

Yellow (53%)

Blue (60%)

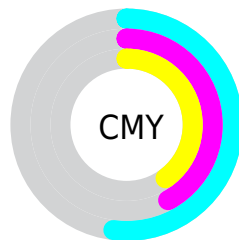


Cyan (20%)

Magenta (4%)

Yellow (0%)

Black (40%)



Cyan (52%)

Magenta (42%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2095, 27.3049, 34.1314 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 24.2095, 27.3049, 34.1314 by changing the saturation by 10% instead.

■ 24.2095, 27.3049,
34.1314

■ 24.2095, 27.3049,
34.1314

266.2988,
289.1304, 335.5046

■ 15.6147, 17.8023,
22.7164

■ 49.8240, 55.3727,
67.2742

■ 9.3410, 10.8082,
14.1809

■ 67.5745, 74.7068,
89.8390

■ 5.0232, 5.9380,
8.1064

■ 89.1075, 98.0869,
116.9576

■ 2.2958, 2.8074,
4.0744

114.7885,
125.8973, 149.0484

■ 0.7925, 1.0320,
1.6662

144.9827,
158.5224, 186.5299

■ 0.0000, 0.0000,
0.3374

180.0556,

■ 0.0000, 0.0000,

196.3467, 229.8208

0.0000

220.3725,
239.7546, 279.3395

■ 24.2095, 27.3049,
34.1314

■ 24.2095, 27.3049,
34.1314

■ 21.7571, 25.3667,
33.8870

■ 27.0164, 29.4449,
34.3970

■ 19.6409, 23.6186,
33.6611

■ 30.1904, 31.7911,
34.6825

■ 17.8444, 22.0526,
33.4535

■ 33.7464, 34.3521,
34.9894

■ 16.3486, 20.6588,
33.2633

■ 37.6978, 37.1348,
35.3183

■ 15.1328, 19.4264,
33.0895

■ 42.0571, 40.1460,
35.6698

■ 14.1732, 18.3431,
32.9310

■ 46.8365, 43.3920,
36.0444

■ 13.4420, 17.3942,
32.7864

■ 52.0476, 46.8788,
36.4428

■ 12.8822, 16.5647,
32.6558

■ 57.7015, 50.6124,
36.8654

■ 62.0577, 53.6956,
37.2309

Harmonies

Analogous

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



23.7406, 27.3049, 30.8271



24.2095, 27.3049, 34.1314



25.1496, 27.3049, 36.3615

Triad

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



24.2095, 27.3049, 34.1314



28.1749, 27.3049, 32.1150



25.5760, 27.3049, 23.6723

Complementary

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



24.2095, 27.3049, 34.1314



24.3691, 23.6158, 21.6868

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.



26.7723, 27.3049, 23.9589



24.2095, 27.3049, 34.1314



28.2976, 27.3049, 28.6601

Square

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



24.2095, 27.3049, 34.1314



27.4468, 27.3049, 35.1364



27.7772, 27.3049, 25.7250



24.5134, 27.3049, 24.9094

Rectangle

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



24.2095, 27.3049, 34.1314



25.9295, 27.3049, 36.8454



27.7772, 27.3049, 25.7250



25.9755, 27.3049, 23.5959

Sweetspot

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



24.2103, 27.3060, 34.1320



50.6559, 54.4264, 61.8075



23.2932, 28.4707, 24.5812



11.1136, 11.9647, 13.6412



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.



24.2103, 27.3060, 34.1320



41.4309, 47.3953, 60.9365



22.0027, 22.8908, 33.3962



6.2830, 6.8234, 7.9149



10.6699, 13.7364, 26.9967



0.1827, 0.2516, 0.4113

Inverse Universe

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



25.3635, 22.7985, 30.6688



43.8772, 38.0175, 53.5483



26.5002, 27.8780, 22.3971



6.4100, 6.3031, 7.5390



13.8444, 6.7920, 16.2376



0.2187, 0.1062, 0.3043

Previews

White Background



This preview shows how the XYZ color 24.2095, 27.3049, 34.1314 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 24.2095, 27.3049, 34.1314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

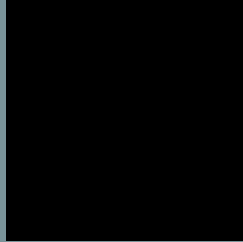
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2095, 27.3049, 34.1314

Background



This preview shows how black text looks on a background with the XYZ color 24.2095, 27.3049, 34.1314.



This preview shows how white text looks on a background with the XYZ color 24.2095, 27.3049,

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

24.2095, 27.3049, 34.1314

Protanopia

26.3576, 27.0914, 32.6941

Deuteranopia

27.5826, 27.0275, 34.7734



Tritanopia

24.6188, 27.2373, 36.3075

Trichromacy



Original Color

24.2095, 27.3049, 34.1314

Protanomaly

25.4000, 27.0302, 33.1568

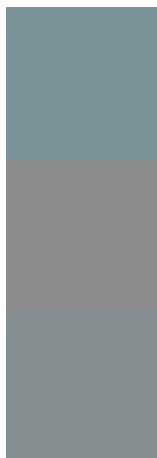
Deuteranomaly

26.1728, 26.9583, 34.3959

Tritanomaly

24.4480, 27.1690, 35.4081

Monochromacy



Original Color

24.2095, 27.3049, 34.1314

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.6062, 26.6758, 30.6401

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2095, 27.3049, 34.1314 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(122, 147, 153)` looks like.

```
.text, #text, p{  
    color:rgb(122, 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(122, 147, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 147, 153) }
```

Border

The CSS property to change the border of an element to XYZ 24.2095, 27.3049, 34.1314 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(122, 147, 153) }
```


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

```
.border{ border-color:rgb(122, 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(122, 147, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 147, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 147, 153);  
box-shadow:4px 4px 4px 4px rgb(122, 147,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2095, 27.3049, 34.1314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 147, 153) }
```

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

```
.background{ background-color: rgb(122,  
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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