

Converting Colors

XYZ(24.1981, 26.3736, 34.8277)

Have a look what the booklet for
XYZ(24.1981, 26.3736, 34.8277)
contains.

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Color

**XYZ(24.1963, 26.3715,
34.8253)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8F9B
RGB	125, 143, 155
RGB Percent	49%, 56%, 61%
CMY	0.5098, 0.4392, 0.3922
CMYK	0.19, 0.08, 0.00, 0.39
HSL	204°, 13%, 55%
HSV	204°, 19%, 61%
XYZ	24.1963, 26.3715, 34.8253
YIQ	138.9860, -14.5800, -0.0840

Conversions

Conversions Part 2

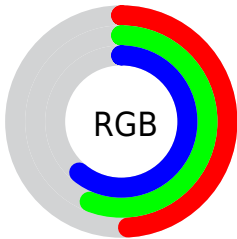
Format	Color
R_{YB}	125, 136, 155
Decimal	8228763
CIE _{Lab}	58.39, -3.75, -8.52
CIE _{LCh}	58, 9.309, 246.249
Yxy	26.3715, 0.2834, 0.3088
Android (android.graphics.Color)	4286418843 (0xFF7D8F9B)
YUV	138.9860, 7.8949, -12.2657
Hunter-Lab	51.3532, -5.7635, -4.2604

Details

The XYZ color **24.1963, 26.3715, 34.8253** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.1651, 26.3404, 23.1077**, and the grayscale version is **24.5105, 25.7869, 28.0819**.

A 20% lighter version of the original color is **49.8350, 54.0009, 68.1182**, and **9.3935, 10.3647, 14.6022** is the 20% darker color. If you saturate the color by 10%, you get **21.2029, 23.4854, 34.4264**, and if you desaturate by 10%, it is **27.5959, 29.5447, 35.2590**.

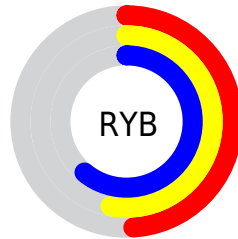
Distribution



Red (49%)

Green (56%)

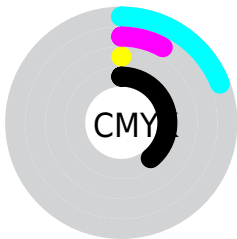
Blue (61%)



Red (49%)

Yellow (53%)

Blue (61%)

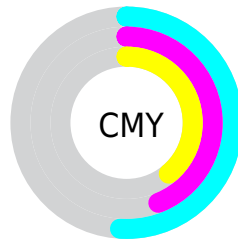


Cyan (19%)

Magenta (8%)

Yellow (0%)

Black (39%)



Cyan (51%)

Magenta (44%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1963, 26.3715, 34.8253 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 24.1963, 26.3715, 34.8253 by changing the saturation by 10% instead.

■ 24.1963, 26.3715,
34.8253

■ 24.1963, 26.3715,
34.8253

266.2335,
284.6010, 338.6773

■ 15.6048, 17.1018,
23.2459

■ 49.8027, 53.8737,
68.3635

■ 9.3340, 10.3071,
14.5681

■ 67.5483, 72.8749,
91.1594

■ 5.0185, 5.6030,
8.3736

■ 89.0760, 95.8887,
118.5312

■ 2.2930, 2.6052,
4.2438

114.7512,
123.2996, 150.8974

■ 0.7911, 0.9293,
1.7600

144.9392,
155.4918, 188.6766

■ 0.0000, 0.0000,
0.4014

180.0053,

■ 0.0000, 0.0000,

192.8499, 232.2873

0.0000

220.3150,
235.7582, 282.1480

■ 24.1963, 26.3715,
34.8253

■ 24.1963, 26.3715,
34.8253

■ 21.2029, 23.4854,
34.4264

■ 27.5959, 29.5447,
35.2590

■ 18.5961, 20.8731,
34.0596

■ 31.4153, 33.0111,
35.7268

■ 16.3583, 18.5249,
33.7243

■ 35.6706, 36.7810,
36.2302

■ 14.4693, 16.4292,
33.4193

■ 40.3760, 40.8627,
36.7701

■ 12.9071, 14.5731,
33.1434

■ 45.5453, 45.2646,
37.3472

■ 11.6466, 12.9426,
32.8951

■ 51.1916, 49.9944,
37.9626

■ 10.6587, 11.5210,
32.6728

■ 57.3274, 55.0597,
38.6169

■ 9.8796, 10.2742,
32.4732

■ 63.9647, 60.4678,
39.3109

■ 9.8318, 10.1973,
32.4609

■ 67.5325, 64.3786,
39.8778

Harmonies

Analogous

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



23.3457, 26.3715, 32.5719



24.1963, 26.3715, 34.8253



25.3037, 26.3715, 35.3883

Triad

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



24.1963, 26.3715, 34.8253



27.2987, 26.3715, 28.0389



23.7965, 26.3715, 23.9614

Complementary

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



24.1963, 26.3715, 34.8253



26.1651, 26.3404, 23.1077

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.



24.8284, 26.3715, 22.9367



24.1963, 26.3715, 34.8253



26.8674, 26.3715, 25.1736

Square

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



24.1963, 26.3715, 34.8253



27.1171, 26.3715, 31.3065



25.9549, 26.3715, 23.3632



23.1198, 26.3715, 26.2688

Rectangle

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



24.1963, 26.3715, 34.8253



26.0433, 26.3715, 34.6945



25.9549, 26.3715, 23.3632



24.1121, 26.3715, 23.4637

Sweetspot

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



24.1971, 26.3726, 34.8259



51.5513, 54.8619, 63.4087



24.6588, 29.5950, 27.8925



11.5786, 12.3358, 14.3412



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.



24.1971, 26.3726, 34.8259



41.0525, 45.0523, 62.0686



22.1589, 22.2961, 34.1465



6.1772, 6.6117, 7.8796



7.9348, 8.2663, 26.0851



0.1541, 0.1945, 0.4018

Inverse Universe

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



25.8097, 23.6195, 29.1866



44.4882, 39.3770, 50.0118



28.3670, 30.7442, 23.8416



6.3565, 6.2818, 7.2577



12.4639, 6.2398, 8.9679



0.2042, 0.1004, 0.2283

Previews

White Background



This preview shows how the XYZ color 24.1963, 26.3715, 34.8253 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 24.1963, 26.3715, 34.8253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

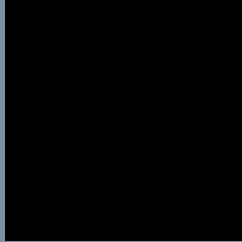
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

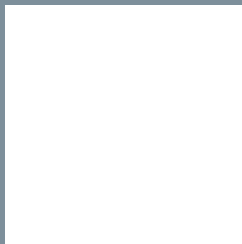
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1963, 26.3715, 34.8253

Background



This preview shows how black text looks on a background with the XYZ color 24.1963, 26.3715, 34.8253.



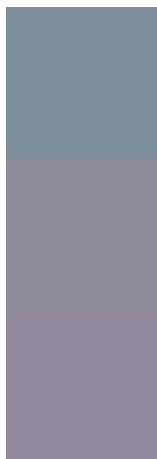
This preview shows how white text looks on a background with the XYZ color 24.1963, 26.3715,

34.8253.

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

24.1963, 26.3715, 34.8253

Protanopia

25.6298, 26.2541, 33.8537

Deuteranopia

26.6590, 26.1196, 35.0890



Tritanopia

24.1126, 26.3380, 34.3847

Trichromacy



Original Color

24.1963, 26.3715, 34.8253

Protanomaly

25.0423, 26.1576, 34.3009

Deuteranomaly

25.7146, 26.2688, 35.1676

Tritanomaly

24.1126, 26.3380, 34.3847

Monochromacy



Original Color

24.1963, 26.3715, 34.8253

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.3204, 25.8688, 30.4994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1963, 26.3715, 34.8253 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(125, 143, 155)` looks like.

```
.text, #text, p{  
    color:rgb(125, 143, 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(125, 143, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 143, 155) }
```

Border

The CSS property to change the border of an element to XYZ 24.1963, 26.3715, 34.8253 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(125, 143, 155) }
```


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

```
.border{ border-color:rgb(125, 143, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 143, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 143, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 143, 155);  
box-shadow:4px 4px 4px 4px rgb(125, 143,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1963, 26.3715, 34.8253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 143, 155) }
```

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

```
.background{ background-color: rgb(125,  
143, 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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