

Converting Colors

XYZ(24.3548, 26.4044, 33.9480)

Have a look what the booklet for
XYZ(24.3548, 26.4044, 33.9480)
contains.

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Color

**XYZ(24.4743, 26.5340,
33.9686)**

Conversions

Conversions Part 1

Format	Color
Hex	808F99
RGB	128, 143, 153
RGB Percent	50%, 56%, 60%
CMY	0.4980, 0.4392, 0.4000
CMYK	0.16, 0.07, 0.00, 0.40
HSL	204°, 11%, 55%
HSV	204°, 16%, 60%
XYZ	24.4743, 26.5340, 33.9686
YIQ	139.6550, -12.1500, -0.0700

Conversions

Conversions Part 2

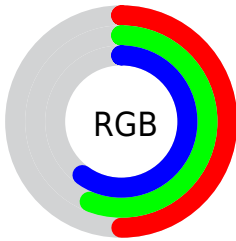
Format	Color
R_{YB}	128, 137, 153
Decimal	8425369
CIE _{Lab}	58.54, -3.20, -7.13
CIE _{LCh}	59, 7.811, 245.836
Yxy	26.5340, 0.2880, 0.3122
Android (android.graphics.Color)	4286615449 (0xFF808F99)
YUV	139.6550, 6.5791, -10.2214
Hunter-Lab	51.5112, -5.3345, -3.0405

Details

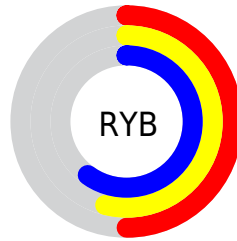
The XYZ color **24.4743, 26.5340, 33.9686** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.1218, 26.5077, 24.1623**, and the grayscale version is **24.7728, 26.0629, 28.3825**.

A 20% lighter version of the original color is **50.2848, 54.2613, 66.8547**, and **9.5371, 10.4503, 14.0848** is the 20% darker color. If you saturate the color by 10%, you get **21.4508, 23.6493, 33.5716**, and if you desaturate by 10%, it is **27.8966, 29.7000, 34.3998**.

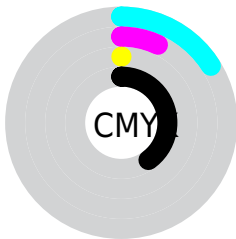
Distribution



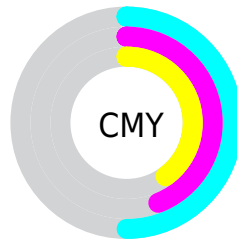
- Red (50%)
- Green (56%)
- Blue (60%)



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



- Cyan (16%)
- Magenta (7%)
- Yellow (0%)
- Black (40%)



- Cyan (50%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4743, 26.5340, 33.9686 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 24.4743, 26.5340, 33.9686 by changing the saturation by 10% instead.

■ 24.4743, 26.5340,
33.9686

■ 24.4743, 26.5340,
33.9686

267.6059,
285.3937, 334.7569

■ 15.8125, 17.2236,
22.5923

■ 50.2522, 54.1352,
67.0182

■ 9.4816, 10.3940,
14.0903

■ 68.0989, 73.1947,
89.5285

■ 5.1162, 5.6610,
8.0440

■ 89.7380, 96.2727,
116.5873

■ 2.3511, 2.6400,
4.0350

115.5347,
123.7536, 148.6131

■ 0.8206, 0.9468,
1.6445

145.8545,
156.0217, 186.0244

■ 0.0000, 0.0000,
0.3223

181.0628,

■ 0.0000, 0.0000,

193.4615, 229.2398

0.0000

221.5248,
236.4574, 278.6778

■ 24.4743, 26.5340,
33.9686

■ 24.4743, 26.5340,
33.9686

■ 21.4508, 23.6493,
33.5716

■ 27.8966, 29.7000,
34.3998

■ 18.8073, 21.0331,
33.2059

■ 31.7305, 33.1531,
34.8642

■ 16.5273, 18.6762,
32.8712

■ 35.9913, 36.9030,
35.3634

■ 14.5917, 16.5677,
32.5662

■ 40.6928, 40.9577,
35.8983

■ 12.9799, 14.6956,
32.2898

■ 45.8479, 45.3251,
36.4696

■ 11.6684, 13.0466,
32.0406

■ 51.4692, 50.0128,
37.0781

■ 10.6306, 11.6055,
31.8172

■ 57.5687, 55.0279,
37.7246

■ 9.8273, 10.3508,
31.6173

■ 64.1580, 60.3774,
38.4099

■ 9.5608, 9.9218,
31.5486

■ 67.2006, 63.9814,
38.9452

Harmonies

Analogous

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



23.7578, 26.5340, 32.0861



24.4743, 26.5340, 33.9686



25.4073, 26.5340, 34.4547

Triad

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



24.4743, 26.5340, 33.9686



27.0942, 26.5340, 28.3587



24.1582, 26.5340, 24.8274

Complementary

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



24.4743, 26.5340, 33.9686



26.1218, 26.5077, 24.1623

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.



25.0332, 26.5340, 23.9610



24.4743, 26.5340, 33.9686



26.7405, 26.5340, 25.9154

Square

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



24.4743, 26.5340, 33.9686



26.9354, 26.5340, 31.1015



25.9802, 26.5340, 24.3464



23.5785, 26.5340, 26.7879

Rectangle

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



24.4743, 26.5340, 33.9686



26.0299, 26.5340, 33.8963



25.9802, 26.5340, 24.3464



24.4267, 26.5340, 24.4044

Sweetspot

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



24.4751, 26.5351, 33.9692



50.7701, 53.9276, 61.7052



24.8511, 29.1950, 28.2128



11.1175, 11.8231, 13.6136



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.



24.4751, 26.5351, 33.9692



41.5507, 45.3654, 60.5384



22.7575, 23.0999, 33.3967



6.1772, 6.6117, 7.8796



7.9349, 8.2665, 26.0851



0.1541, 0.1945, 0.4018

Inverse Universe

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



25.8146, 24.1944, 29.2972



44.4918, 40.3845, 50.2449



27.9532, 30.1706, 24.7728



6.3565, 6.2818, 7.2577



12.4639, 6.2398, 8.9680



0.2042, 0.1004, 0.2283

Previews

White Background



This preview shows how the XYZ color 24.4743, 26.5340, 33.9686 looks on a white background.

Color Contrast Check

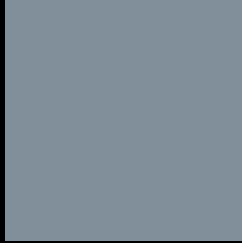
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.4743, 26.5340, 33.9686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

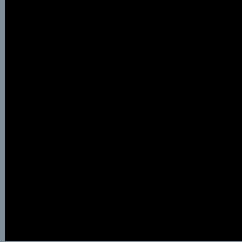
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

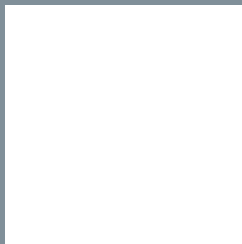
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.4743, 26.5340, 33.9686

Background



This preview shows how black text looks on a background with the XYZ color 24.4743, 26.5340, 33.9686.



This preview shows how white text looks on a background with the XYZ color 24.4743, 26.5340,

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

24.4743, 26.5340, 33.9686

Protanopia

25.7792, 26.5660, 33.0472

Deuteranopia

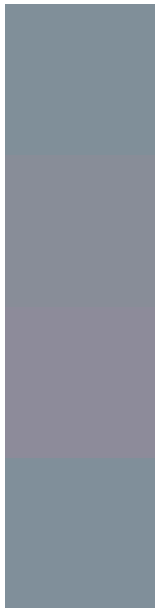
26.9911, 26.5203, 34.2682



Tritanopia

24.5573, 26.5672, 34.4055

Trichromacy



Original Color

24.4743, 26.5340, 33.9686

Protanomaly

25.3457, 26.5510, 33.4948

Deuteranomaly

26.0499, 26.4611, 34.3064

Tritanomaly

24.5573, 26.5672, 34.4055

Monochromacy



Original Color

24.4743, 26.5340, 33.9686

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.7891, 26.3283, 30.5634

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4743, 26.5340, 33.9686 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, 143, 153)` looks like.

```
.text, #text, p{  
    color:rgb(128, 143, 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, 143, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 143, 153) }
```

Border

The CSS property to change the border of an element to XYZ 24.4743, 26.5340, 33.9686 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, 143, 153) }
```


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

```
.border{ border-color:rgb(128, 143, 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, 143, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 143, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 143, 153);  
box-shadow:4px 4px 4px 4px rgb(128, 143,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4743, 26.5340, 33.9686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 143, 153) }
```

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

```
.background{ background-color: rgb(128,  
143, 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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