

Converting Colors

XYZ(24.3717, 26.1834, 29.6774)

Have a look what the booklet for
XYZ(24.3717, 26.1834, 29.6774)
contains.

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Color

**XYZ(24.3143, 26.1013,
29.7431)**

Conversions

Conversions Part 1

Format	Color
Hex	868D8F
RGB	134, 141, 143
RGB Percent	53%, 55%, 56%
CMY	0.4745, 0.4470, 0.4392
CMYK	0.06, 0.01, 0.00, 0.44
HSL	193°, 4%, 54%
HSV	193°, 6%, 56%
XYZ	24.3143, 26.1013, 29.7431
YIQ	139.1350, -4.8140, -0.8620

Conversions

Conversions Part 2

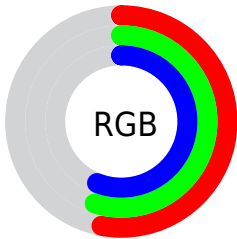
Format	Color
RYB	134, 138, 143
Decimal	8818063
CIELab	58.13, -2.14, -1.95
CIELCh	58, 2.895, 222.446
Yxy	26.1013, 0.3033, 0.3256
Android (android.graphics.Color)	4287008143 (0xFF868D8F)
YUV	139.1350, 1.9054, -4.5034
Hunter-Lab	51.0894, -4.4554, 1.2453

Details

The XYZ color **24.3143, 26.1013, 29.7431** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.4349, 25.1688, 26.1248**, and the grayscale version is **24.5874, 25.8679, 28.1701**.

A 20% lighter version of the original color is **50.0867, 53.6262, 60.5344**, and **9.3730, 10.1573, 11.8225** is the 20% darker color. If you saturate the color by 10%, you get **21.7264, 24.0831, 29.4904**, and if you desaturate by 10%, it is **27.2254, 28.3074, 30.0159**.

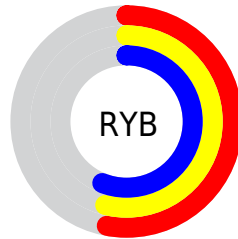
Distribution



Red (53%)

Green (55%)

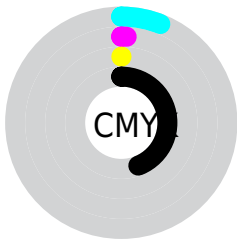
Blue (56%)



Red (53%)

Yellow (54%)

Blue (56%)

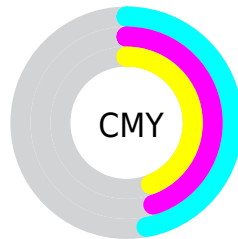


Cyan (6%)

Magenta (1%)

Yellow (0%)

Black (44%)



Cyan (47%)

Magenta (45%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3143, 26.1013, 29.7431 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 24.3143, 26.1013, 29.7431 by changing the saturation by 10% instead.

■ 24.3143, 26.1013,
29.7431

■ 24.3143, 26.1013,
29.7431

266.8167,
283.2790, 314.8751

■ 15.6929, 16.8994,
19.3933

■ 49.9936, 53.4383,
60.3119

■ 9.3966, 10.1628,
11.7751

■ 67.7822, 72.3423,
81.3679

■ 5.0599, 5.5070,
6.4701

■ 89.3572, 95.2490,
106.8297

■ 2.3176, 2.5477,
3.0596

115.0841,
122.5430, 137.1159

■ 0.8036, 0.9005,
1.1251

145.3281,
154.6086, 172.6450

■ 0.0000, 0.0000,
0.0000

180.4546,

191.8302, 213.8356

220.8291,
234.5922, 261.1061

■ 24.3143, 26.1013,
29.7431

■ 24.3143, 26.1013,
29.7431

■ 21.7264, 24.0831,
29.4904

■ 27.2254, 28.3074,
30.0159

■ 19.4470, 22.2430,
29.2553

■ 30.4690, 30.7043,
30.3076

■ 17.4636, 20.5751,
29.0379

■ 34.0571, 33.2990,
30.6193

■ 15.7621, 19.0719,
28.8374

■ 38.0002, 36.0972,
30.9516

■ 14.3270, 17.7253,
28.6532

■ 42.3085, 39.1041,
31.3049

■ 13.1413, 16.5263,
28.4842

■ 46.9917, 42.3250,
31.6798

■ 12.1861, 15.4651,
28.3297

■ 52.0590, 45.7647,
32.0766

■ 11.4396, 14.5301,
28.1886

■ 57.5195, 49.4282,
32.4959

■ 10.8674, 13.7035,
28.0592

■ 60.4913, 51.8299,
32.8029

Harmonies

Analogous

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



24.1559, 26.1013, 28.8381



24.3143, 26.1013, 29.7431



24.6057, 26.1013, 30.3010

Triad

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



24.3143, 26.1013, 29.7431



25.4569, 26.1013, 29.0062



24.6635, 26.1013, 26.5757

Complementary

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



24.3143, 26.1013, 29.7431



24.4349, 25.1688, 26.1248

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.



25.0124, 26.1013, 26.6183



24.3143, 26.1013, 29.7431



25.4727, 26.1013, 28.0057

Square

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



24.3143, 26.1013, 29.7431



25.2663, 26.1013, 29.8687



25.3094, 26.1013, 27.1365



24.3562, 26.1013, 27.0187

Rectangle

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



24.3143, 26.1013, 29.7431



24.8373, 26.1013, 30.3930



25.3094, 26.1013, 27.1365



24.7797, 26.1013, 26.5340

Sweetspot

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



24.3150, 26.1024, 29.7437



45.6881, 48.3823, 53.4687



24.0947, 26.4898, 27.1174



10.4927, 11.1069, 12.2630



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.3150, 26.1024, 29.7437



42.6313, 46.0416, 53.1780



23.6716, 24.8155, 29.5292



5.4601, 5.9161, 6.8829



9.4513, 11.8887, 24.7737



0.1065, 0.1460, 0.2422

Inverse Universe

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



24.6610, 24.8133, 28.6904



43.4290, 43.0937, 50.7442



25.0751, 26.4492, 26.3382



5.5757, 5.4908, 6.5298



12.5737, 6.1865, 13.9384



0.1284, 0.0624, 0.1762

Previews

White Background



This preview shows how the XYZ color 24.3143, 26.1013, 29.7431 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 24.3143, 26.1013, 29.7431 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

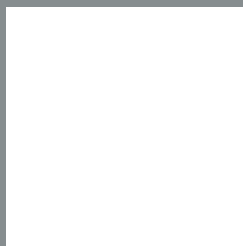
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.3143, 26.1013, 29.7431

Background



This preview shows how black text looks on a background with the XYZ color 24.3143, 26.1013, 29.7431.



This preview shows how white text looks on a background with the XYZ color 24.3143, 26.1013,

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

24.3143, 26.1013, 29.7431

Protanopia

25.0996, 26.0810, 29.3024

Deuteranopia

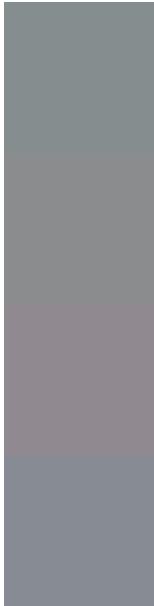
26.4605, 25.9209, 29.9942



Tritanopia

24.9557, 26.1414, 33.0087

Trichromacy



Original Color

24.3143, 26.1013, 29.7431

Protanomaly

24.7418, 26.1124, 29.3274

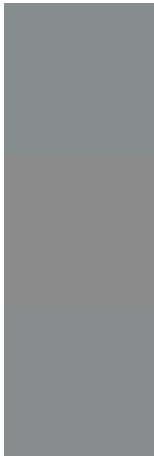
Deuteranomaly

25.6568, 25.9247, 30.0373

Tritanomaly

24.7151, 26.0452, 31.7416

Monochromacy



Original Color

24.3143, 26.1013, 29.7431

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.4282, 25.9680, 28.5358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3143, 26.1013, 29.7431 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(134, 141, 143)` looks like.

```
.text, #text, p{  
    color:rgb(134, 141, 143)  
}
```

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(134, 141, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 141, 143) }
```

Border

The CSS property to change the border of an element to XYZ 24.3143, 26.1013, 29.7431 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(134, 141, 143) }
```


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

```
.border{ border-color:rgb(134, 141, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 141, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 141, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 141, 143);  
box-shadow:4px 4px 4px 4px rgb(134, 141,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3143, 26.1013, 29.7431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 141, 143) }
```

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

```
.background{ background-color: rgb(134,  
141, 143) }
```

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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