

Converting Colors

XYZ(24.1842, 26.2952, 31.4063)

Have a look what the booklet for
XYZ(24.1842, 26.2952, 31.4063)
contains.

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Color

**XYZ(24.1454, 26.1984,
31.3880)**

Conversions

Conversions Part 1

Format	Color
Hex	828E93
RGB	130, 142, 147
RGB Percent	51%, 56%, 58%
CMY	0.4902, 0.4431, 0.4235
CMYK	0.12, 0.03, 0.00, 0.42
HSL	198°, 7%, 54%
HSV	198°, 12%, 58%
XYZ	24.1454, 26.1984, 31.3880
YIQ	138.9820, -8.7570, -0.9890

Conversions

Conversions Part 2

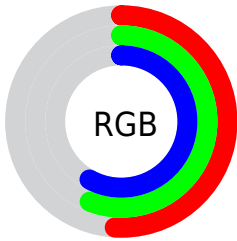
Format	Color
R_{YB}	130, 137, 147
Decimal	8556179
CIE _{Lab}	58.22, -3.27, -4.14
CIE _{LCh}	58, 5.278, 231.742
Yxy	26.1984, 0.2954, 0.3205
Android (android.graphics.Color)	4286746259 (0xFF828E93)
YUV	138.9820, 3.9529, -7.8772
Hunter-Lab	51.1844, -5.3682, -0.5296

Details

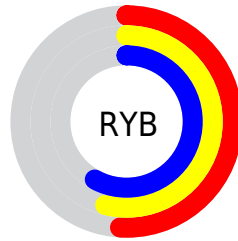
The XYZ color **24.1454, 26.1984, 31.3880** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.7261, 25.1427, 24.6694**, and the grayscale version is **24.5220, 25.7990, 28.0951**.

A 20% lighter version of the original color is **49.8110, 53.7642, 63.0105**, and **9.3318, 10.2482, 12.5526** is the 20% darker color. If you saturate the color by 10%, you get **21.4193, 23.8575, 31.0803**, and if you desaturate by 10%, it is **27.2201, 28.7574, 31.7203**.

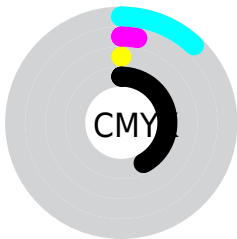
Distribution



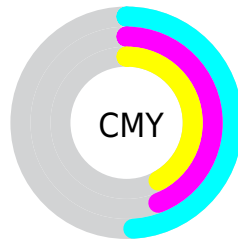
- Red (51%)
- Green (56%)
- Blue (58%)



- Red (51%)
- Yellow (54%)
- Blue (58%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (42%)



- Cyan (49%)
- Magenta (44%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.1454, 26.1984, 31.3880 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 24.1454, 26.1984, 31.3880 by changing the saturation by 10% instead.

■ 24.1454, 26.1984,
31.3880

■ 24.1454, 26.1984,
31.3880

265.9816,
283.7547, 322.7282

■ 15.5668, 16.9721,
20.6335

■ 49.7203, 53.5948,
62.9371

■ 9.3071, 10.2146,
12.6678

■ 67.4474, 72.5338,
84.5689

■ 5.0007, 5.5415,
7.0721

■ 88.9547, 95.4791,
110.6635

■ 2.2824, 2.5683,
3.4281

114.6075,
122.8151, 141.6395

■ 0.7857, 0.9108,
1.3172

144.7712,
154.9263, 177.9155

■ 0.0000, 0.0000,
0.0758

179.8113,

■ 0.0000, 0.0000,

192.1970, 219.9099

0.0000

220.0929,
235.0117, 268.0413

■ 24.1454, 26.1984,
31.3880

■ 24.1454, 26.1984,
31.3880

■ 21.4193, 23.8575,
31.0803

■ 27.2201, 28.7574,
31.7203

■ 19.0256, 21.7240,
30.7946

■ 30.6543, 31.5384,
32.0761

■ 16.9504, 19.7907,
30.5308

■ 34.4610, 34.5493,
32.4566

■ 15.1775, 18.0491,
30.2881

■ 38.6519, 37.7965,
32.8625

■ 13.6895, 16.4897,
30.0655

■ 43.2383, 41.2862,
33.2943

■ 12.4669, 15.1020,
29.8621

■ 48.2310, 45.0243,
33.7527

■ 11.4878, 13.8742,
29.6767

■ 53.6403, 49.0166,
34.2382

■ 10.7263, 12.7926,
29.5081

■ 59.4761, 53.2684,
34.7513

■ 10.1950, 11.9634,
29.3761

■ 63.0101, 56.3738,
35.1644

Harmonies

Analogous

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



23.7734, 26.1984, 29.8532



24.1454, 26.1984, 31.3880



24.7242, 26.1984, 32.1633

Triad

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



24.1454, 26.1984, 31.3880



26.1405, 26.1984, 29.0356



24.4470, 26.1984, 25.3710

Complementary

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



24.1454, 26.1984, 31.3880



24.7261, 25.1427, 24.6694

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.



25.0782, 26.1984, 25.1731



24.1454, 26.1984, 31.3880



26.0632, 26.1984, 27.2380

Square

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



24.1454, 26.1984, 31.3880



25.8812, 26.1984, 30.7675



25.6718, 26.1984, 25.8427



23.9455, 26.1984, 26.3953

Rectangle

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



24.1454, 26.1984, 31.3880



25.1524, 26.1984, 32.1229



25.6718, 26.1984, 25.8427



24.6508, 26.1984, 25.2074

Sweetspot

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



24.1462, 26.1995, 31.3886



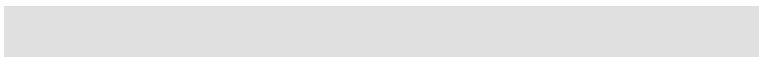
47.8819, 50.7887, 56.7141



24.0004, 27.3579, 26.8702



10.8307, 11.5117, 12.9360



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.1462, 26.1995, 31.3886



41.8511, 45.7389, 56.0573



22.9543, 23.8157, 30.9913



5.8216, 6.2772, 7.3745



8.8604, 10.4156, 25.4745



0.1340, 0.1787, 0.3203

Inverse Universe

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



24.8984, 24.1219, 28.9361



43.4961, 41.2647, 50.6787



25.9324, 27.5554, 25.0715



5.9634, 5.8804, 6.9133



12.5994, 6.2448, 11.9033



0.1671, 0.0816, 0.2137

Previews

White Background



This preview shows how the XYZ color 24.1454, 26.1984, 31.3880 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 24.1454, 26.1984, 31.3880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

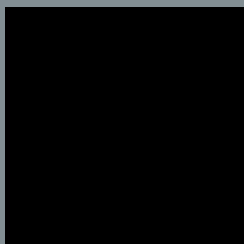
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

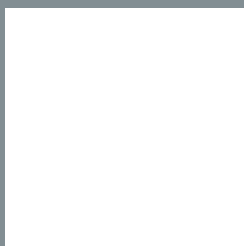
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.1454, 26.1984, 31.3880

Background



This preview shows how black text looks on a background with the XYZ color 24.1454, 26.1984, 31.3880.



This preview shows how white text looks on a background with the XYZ color 24.1454, 26.1984,

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

24.1454, 26.1984, 31.3880

Protanopia

25.3280, 26.1723, 30.5049

Deuteranopia

26.5439, 26.1360, 31.6627



Tritanopia

24.5524, 26.1420, 33.4576

Trichromacy



Original Color

24.1454, 26.1984, 31.3880

Protanomaly

24.8829, 26.1499, 30.9301

Deuteranomaly

25.5891, 26.0659, 31.6995

Tritanomaly

24.3900, 26.0771, 32.6020

Monochromacy



Original Color

24.1454, 26.1984, 31.3880

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

24.4139, 25.9434, 29.3120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.1454, 26.1984, 31.3880 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(130, 142, 147)` looks like.

```
.text, #text, p{  
    color:rgb(130, 142, 147)  
}
```

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(130, 142, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 142, 147) }
```

Border

The CSS property to change the border of an element to XYZ 24.1454, 26.1984, 31.3880 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(130, 142, 147) }
```


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

```
.border{ border-color:rgb(130, 142, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 142, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 142, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 142, 147);  
box-shadow:4px 4px 4px 4px rgb(130, 142,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 24.1454, 26.1984, 31.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 142, 147) }
```

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

```
.background{ background-color: rgb(130,  
142, 147) }
```

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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