

Converting Colors

XYZ(24.7577, 26.9780, 30.6907)

Have a look what the booklet for
XYZ(24.7577, 26.9780, 30.6907)
contains.

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Color

**XYZ(24.7570, 26.9774,
30.6904)**

Conversions

Conversions Part 1

Format	Color
Hex	859091
RGB	133, 144, 145
RGB Percent	52%, 56%, 57%
CMY	0.4784, 0.4353, 0.4314
CMYK	0.08, 0.01, 0.00, 0.43
HSL	185°, 5%, 55%
HSV	185°, 8%, 57%
XYZ	24.7570, 26.9774, 30.6904
YIQ	140.8250, -6.8770, -2.0210

Conversions

Conversions Part 2

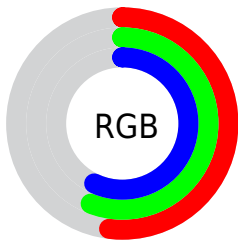
Format	Color
RYB	133, 139, 145
Decimal	8753297
CIELab	58.95, -3.76, -1.90
CIElCh	59, 4.211, 206.858
Yxy	26.9774, 0.3004, 0.3273
Android (android.graphics.Color)	4286943377 (0xFF859091)
YUV	140.8250, 2.0583, -6.8625
Hunter-Lab	51.9398, -5.8129, 1.3243

Details

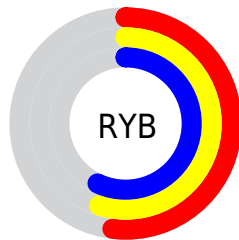
The XYZ color **24.7570, 26.9774, 30.6904** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.4360, 24.7633, 25.6827**, and the grayscale version is **25.2437, 26.5583, 28.9220**.

A 20% lighter version of the original color is **50.7526, 54.9508, 61.9644**, and **9.6355, 10.6706, 12.3783** is the 20% darker color. If you saturate the color by 10%, you get **22.4425, 25.5153, 30.5306**, and if you desaturate by 10%, it is **27.3911, 28.6086, 30.8668**.

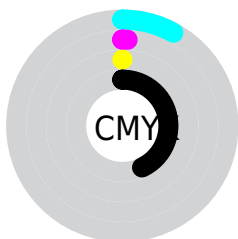
Distribution



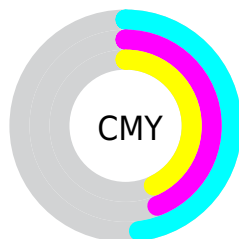
- Red (52%)
- Green (56%)
- Blue (57%)



- Red (52%)
- Yellow (55%)
- Blue (57%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (43%)



- Cyan (48%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7570, 26.9774, 30.6904 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 24.7570, 26.9774, 30.6904 by changing the saturation by 10% instead.

■ 24.7570, 26.9774,
30.6904

■ 24.7570, 26.9774,
30.6904

268.9956,
287.5477, 319.4164

■ 16.0239, 17.5562,
20.1067

■ 50.7085, 54.8476,
61.8262

■ 9.6320, 10.6319,
12.2878

■ 68.6575, 74.0654,
83.2153

■ 5.2160, 5.8199,
6.8151

■ 90.4093, 97.3176,
109.0434

■ 2.4106, 2.7359,
3.2700

116.3290,
124.9886, 139.7289

■ 0.8504, 0.9954,
1.2341

146.7822,
157.4626, 175.6904

■ 0.0000, 0.0000,
0.0069

182.1341,

■ 0.0000, 0.0000,

195.1243, 217.3465

0.0000

222.7501,
238.3578, 265.1156

■ 24.7570, 26.9774,
30.6904

■ 24.7570, 26.9774,
30.6904

■ 22.4425, 25.5153,
30.5306

■ 27.3911, 28.6086,
30.8668

■ 20.4324, 24.2122,
30.3850

■ 30.3545, 30.4118,
31.0587

■ 18.7136, 23.0623,
30.2536

■ 33.6596, 32.3940,
31.2671

■ 17.2714, 22.0577,
30.1358

■ 37.3172, 34.5609,
31.4926

■ 16.0896, 21.1903,
30.0306

■ 41.3379, 36.9179,
31.7356

■ 15.1505, 20.4509,
29.9374

■ 45.7317, 39.4702,
31.9967

■ 14.4339, 19.8290,
29.8551

■ 50.5081, 42.2226,
32.2762

■ 13.9167, 19.3127,
29.7827

■ 55.6765, 45.1801,
32.5747

■ 13.5505, 18.8771,
29.7179

■ 58.0481, 46.6988,
32.7428

Harmonies

Analogous

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



24.6530, 26.9774, 29.2167



24.7570, 26.9774, 30.6904



25.0969, 26.9774, 31.8446

Triad

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



24.7570, 26.9774, 30.6904



26.4900, 26.9774, 30.9720



25.6962, 26.9774, 26.5986

Complementary

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



24.7570, 26.9774, 30.6904



24.4360, 24.7633, 25.6827

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.



26.1933, 26.9774, 27.0342



24.7570, 26.9774, 30.6904



26.6555, 26.9774, 29.5315

Square

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



24.7570, 26.9774, 30.6904



26.0969, 26.9774, 32.0110



26.5462, 26.9774, 28.0954



25.1909, 26.9774, 26.8856

Rectangle

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



24.7570, 26.9774, 30.6904



25.4139, 26.9774, 32.2600



26.5462, 26.9774, 28.0954



25.8699, 26.9774, 26.6651

Sweetspot

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



24.7578, 26.9785, 30.6910



47.2083, 50.0979, 55.1553



24.0879, 26.9535, 26.4147



10.5161, 11.1535, 12.2708



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.



24.7578, 26.9785, 30.6910



43.4917, 47.7844, 54.9046



23.9014, 25.2658, 30.4055



5.5225, 6.0407, 6.9037



11.5803, 16.1467, 25.4834



0.1180, 0.1690, 0.2461

Inverse Universe

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



25.0993, 24.8090, 29.8526



44.2385, 43.0597, 53.0669



25.2601, 26.4115, 25.9574



5.6072, 5.5034, 6.6954



13.6483, 6.6164, 19.5972



0.1342, 0.0647, 0.2068

Previews

White Background



This preview shows how the XYZ color 24.7570, 26.9774, 30.6904 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 24.7570, 26.9774, 30.6904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

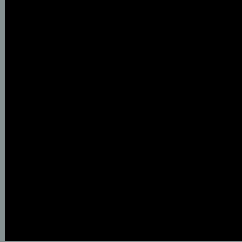
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

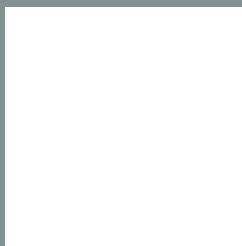
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.7570, 26.9774, 30.6904

Background



This preview shows how black text looks on a background with the XYZ color 24.7570, 26.9774, 30.6904.



This preview shows how white text looks on a background with the XYZ color 24.7570, 26.9774,

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

24.7570, 26.9774, 30.6904

Protanopia

25.9844, 26.9622, 29.8213

Deuteranopia

27.2708, 26.7389, 30.9179



Tritanopia

25.6469, 27.1289, 34.4565

Trichromacy



Original Color

24.7570, 26.9774, 30.6904

Protanomaly

25.5223, 26.9351, 30.2394

Deuteranomaly

26.4205, 26.9425, 31.0020

Tritanomaly

25.2399, 26.9476, 33.1493

Monochromacy



Original Color

24.7570, 26.9774, 30.6904

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.0367, 26.7023, 29.4257

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7570, 26.9774, 30.6904 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(133, 144, 145)` looks like.

```
.text, #text, p{  
    color:rgb(133, 144, 145)  
}
```

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(133, 144, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 144, 145) }
```

Border

The CSS property to change the border of an element to XYZ 24.7570, 26.9774, 30.6904 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(133, 144, 145) }
```


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

```
.border{ border-color:rgb(133, 144, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 144, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 144, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 144, 145);  
box-shadow:4px 4px 4px 4px rgb(133, 144,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7570, 26.9774, 30.6904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 144, 145) }
```

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

```
.background{ background-color: rgb(133,  
144, 145) }
```

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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