

Converting Colors

XYZ(24.1024, 25.6683, 26.6102)

Have a look what the booklet for
XYZ(24.1024, 25.6683, 26.6102)
contains.

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Color

**XYZ(24.0870, 25.6178,
26.5969)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8B87
RGB	138, 139, 135
RGB Percent	54%, 55%, 53%
CMY	0.4588, 0.4549, 0.4706
CMYK	0.01, 0.00, 0.03, 0.45
HSL	75°, 2%, 54%
HSV	75°, 3%, 55%
XYZ	24.0870, 25.6178, 26.5969
YIQ	138.2450, 0.6880, -1.4560

Conversions

Conversions Part 2

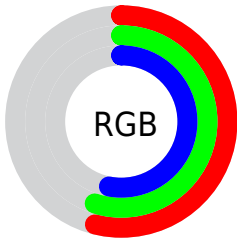
Format	Color
R_{YB}	135, 139, 136
Decimal	9079687
CIE _{Lab}	57.67, -1.14, 2.00
CIE _{LCh}	58, 2.303, 119.753
Yxy	25.6178, 0.3157, 0.3357
Android (android.graphics.Color)	4287269767 (0xFF8A8B87)
YUV	138.2450, -1.5998, -0.2149
Hunter-Lab	50.6140, -3.6272, 4.2738

Details

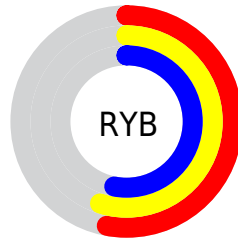
The XYZ color **24.0870, 25.6178, 26.5969** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.4786, 24.4270, 27.9049**, and the grayscale version is **24.2574, 25.5206, 27.7920**.

A 20% lighter version of the original color is **49.4126, 52.4065, 55.0881**, and **9.2366, 9.8753, 10.0136** is the 20% darker color. If you saturate the color by 10%, you get **22.6047, 24.9602, 21.7480**, and if you desaturate by 10%, it is **25.7171, 26.3383, 32.1209**.

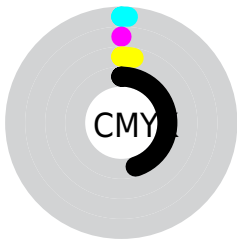
Distribution



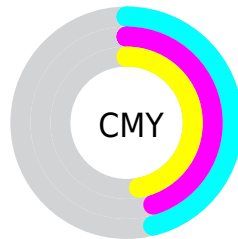
- Red (54%)
- Green (55%)
- Blue (53%)



- Red (53%)
- Yellow (55%)
- Blue (53%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (45%)



- Cyan (46%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0870, 25.6178, 26.5969 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 24.0870, 25.6178, 26.5969 by changing the saturation by 10% instead.

■ 24.0870, 25.6178,
26.5969

■ 24.0870, 25.6178,
26.5969

265.6923,
280.9008, 299.3982

■ 15.5233, 16.5379,
17.0410

■ 49.6258, 52.6577,
55.2322

■ 9.2761, 9.9056,
10.1014

■ 67.3315, 71.3866,
75.1486

■ 4.9803, 5.3364,
5.3598

■ 88.8153, 94.1005,
99.3556

■ 2.2703, 2.4460,
2.3975

114.4425,
121.1840, 128.2718

■ 0.7794, 0.8494,
0.7851

144.5784,
153.0213, 162.3155

■ 0.0000, 0.0000,
0.0000

179.5885,

189.9970, 201.9055

219.8380,
232.4954, 247.4602

■ 24.0870, 25.6178,
26.5969

■ 24.0870, 25.6178,
26.5969

■ 22.6047, 24.9602,
21.7480

■ 25.7171, 26.3383,
32.1209

■ 21.2628, 24.3600,
17.5465

■ 27.4976, 27.1203,
38.3428

■ 20.0568, 23.8163,
13.9656

■ 29.4338, 27.9668,
45.2863

■ 18.9808, 23.3267,
10.9757

■ 31.5300, 28.8795,
52.9737

■ 18.0287, 22.8886,
8.5449

■ 33.7906, 29.8601,
61.4261

■ 17.1935, 22.4994,
6.6383

■ 36.2194, 30.9102,
70.6640

■ 16.4678, 22.1560,
5.2169

■ 38.8204, 32.0315,
80.7069

■ 15.8429, 21.8549,
4.2366

■ 41.5973, 33.2254,
91.5737

■ 15.3087, 21.5921,
3.6451

■ 43.7209, 34.1603,
98.8970

Harmonies

Analogous

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



24.3512, 25.6178, 26.4036



24.0870, 25.6178, 26.5969



23.8942, 25.6178, 27.1362

Triad

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



24.0870, 25.6178, 26.5969



24.0831, 25.6178, 29.2247



24.8825, 25.6178, 27.9000

Complementary

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



24.0870, 25.6178, 26.5969



23.4786, 24.4270, 27.9049

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.



24.8095, 25.6178, 28.6647



24.0870, 25.6178, 26.5969



24.3467, 25.6178, 29.4382

Square

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



24.0870, 25.6178, 26.5969



23.8919, 25.6178, 28.6531



24.6128, 25.6178, 29.2314



24.8118, 25.6178, 27.1473

Rectangle

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



24.0870, 25.6178, 26.5969



23.8314, 25.6178, 27.6244



24.6128, 25.6178, 29.2314



24.8740, 25.6178, 28.1642

Sweetspot

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



24.0877, 25.6189, 26.5975



43.6565, 46.1075, 49.3736



23.8257, 24.8474, 26.4623



10.0639, 10.6262, 11.3915



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



24.0877, 25.6189, 26.5975



43.0828, 45.8536, 47.4566



23.7600, 25.4500, 26.5821



5.5002, 5.8670, 6.0117



13.5190, 19.3393, 3.0203



0.1032, 0.1354, 0.0207

Inverse Universe

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



23.4786, 24.4270, 27.9049



41.9231, 43.5842, 49.9460



23.8063, 24.5960, 27.9202



5.3235, 5.5212, 6.3910



4.8406, 2.0096, 22.1784



0.0439, 0.0194, 0.1479

Previews

White Background



This preview shows how the XYZ color 24.0870, 25.6178, 26.5969 looks on a white background.

Color Contrast Check

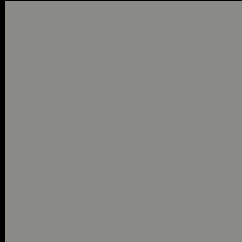
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0870, 25.6178, 26.5969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

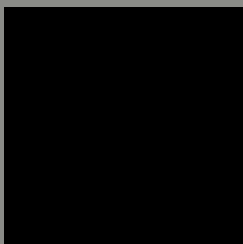
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

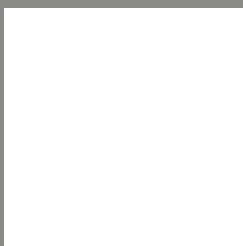
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0870, 25.6178, 26.5969

Background



This preview shows how black text looks on a background with the XYZ color 24.0870, 25.6178, 26.5969.



This preview shows how white text looks on a background with the XYZ color 24.0870, 25.6178,

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

24.0870, 25.6178, 26.5969

Protanopia

24.5469, 25.6490, 26.2112

Deuteranopia

26.1059, 25.6001, 26.8579



Tritanopia

25.1062, 25.6049, 31.6360

Trichromacy



Original Color

24.0870, 25.6178, 26.5969

Protanomaly

24.3761, 25.5609, 26.2032

Deuteranomaly

25.4608, 25.6818, 26.9077

Tritanomaly

24.6939, 25.6491, 29.6359

Monochromacy



Original Color

24.0870, 25.6178, 26.5969

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.0851, 25.3864, 27.2976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0870, 25.6178, 26.5969 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(138, 139, 135)` looks like.

```
.text, #text, p{  
    color:rgb(138, 139, 135)  
}
```

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(138, 139, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 139, 135) }
```

Border

The CSS property to change the border of an element to XYZ 24.0870, 25.6178, 26.5969 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(138, 139, 135) }
```


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

```
.border{ border-color:rgb(138, 139, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 139, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 139, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 139, 135);  
box-shadow:4px 4px 4px 4px rgb(138, 139,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0870, 25.6178, 26.5969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 139, 135) }
```

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

```
.background{ background-color: rgb(138,  
139, 135) }
```

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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