

Converting Colors

XYZ(24.8496, 26.6656, 27.2664)

Have a look what the booklet for
XYZ(24.8496, 26.6656, 27.2664)
contains.

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Color

**XYZ(24.7644, 26.6125,
27.1241)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8E88
RGB	139, 142, 136
RGB Percent	55%, 56%, 53%
CMY	0.4549, 0.4431, 0.4667
CMYK	0.02, 0.00, 0.04, 0.44
HSL	90°, 3%, 55%
HSV	90°, 4%, 56%
XYZ	24.7644, 26.6125, 27.1241
YIQ	140.4190, 0.1380, -2.5020

Conversions

Conversions Part 2

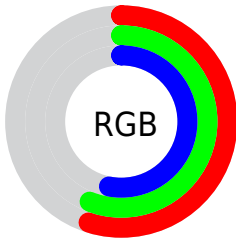
Format	Color
R _Y B	136, 142, 139
Decimal	9145992
CIE Lab	58.61, -2.26, 2.80
CIE LCh	59, 3.601, 128.915
Yxy	26.6125, 0.3155, 0.3390
Android (android.graphics.Color)	4287336072 (0xFF8B8E88)
YUV	140.4190, -2.1786, -1.2445
Hunter-Lab	51.5873, -4.5892, 4.9370

Details

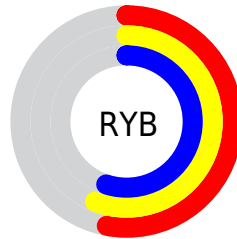
The XYZ color **24.7644, 26.6125, 27.1241** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.3351, 25.0510, 29.1452**, and the grayscale version is **25.0991, 26.4062, 28.7564**.

A 20% lighter version of the original color is **50.6635, 54.3604, 55.9665**, and **9.6267, 10.4500, 10.3138** is the 20% darker color. If you saturate the color by 10%, you get **22.6738, 25.6445, 22.1026**, and if you desaturate by 10%, it is **27.0673, 27.6760, 32.8547**.

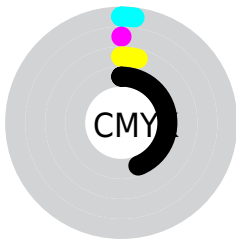
Distribution



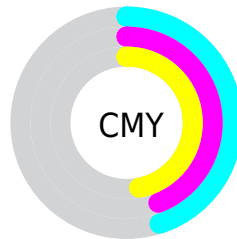
- Red (55%)
- Green (56%)
- Blue (53%)



- Red (53%)
- Yellow (56%)
- Blue (55%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (44%)



- Cyan (45%)
- Magenta (44%)
- Yellow (47%)
- Black (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7644, 26.6125, 27.1241 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 24.7644, 26.6125, 27.1241 by changing the saturation by 10% instead.

■ 24.7644, 26.6125,
27.1241

■ 24.7644, 26.6125,
27.1241

269.0319,
285.7760, 302.0367

■ 16.0294, 17.2824,
17.4332

■ 50.7204, 54.2614,
56.0891

■ 9.6359, 10.4361,
10.3786

■ 68.6721, 73.3491,
76.2003

■ 5.2187, 5.6890,
5.5418

■ 90.4268, 96.4580,
100.6219

■ 2.4122, 2.6569,
2.5043

116.3498,
123.9726, 129.7726

■ 0.8512, 0.9554,
0.8424

146.8064,
156.2773, 164.0709

■ 0.0000, 0.0000,
0.0000

182.1621,

193.7565, 203.9353

222.7822,
236.7946, 249.7844

■ 24.7644, 26.6125,
27.1241

■ 24.7644, 26.6125,
27.1241

■ 22.6738, 25.6445,
22.1026

■ 27.0673, 27.6760,
32.8547

■ 20.7866, 24.7658,
17.7608

■ 29.5867, 28.8343,
39.3187

■ 19.0965, 23.9744,
14.0701

■ 32.3293, 30.0912,
46.5414

■ 17.5960, 23.2673,
10.9990

■ 35.3009, 31.4490,
54.5463

■ 16.2770, 22.6410,
8.5132

■ 38.5071, 32.9102,
63.3561

■ 15.1309, 22.0918,
6.5755

■ 41.9533, 34.4771,
72.9922

■ 14.1479, 21.6158,
5.1440

■ 45.6447, 36.1518,
83.4755

■ 13.3173, 21.2082,
4.1711

■ 49.5863, 37.9366,
94.8261

■ 12.6258, 20.8638,
3.5971

■ 52.3326, 39.2534,
99.4262

Harmonies

Analogous

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



25.1629, 26.6125, 26.6384



24.7644, 26.6125, 27.1241



24.5099, 26.6125, 28.1099

Triad

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



24.7644, 26.6125, 27.1241



24.9900, 26.6125, 31.3067



26.1431, 26.6125, 28.6010

Complementary

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



24.7644, 26.6125, 27.1241



24.3351, 25.0510, 29.1452

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.



26.0955, 26.6125, 29.8607



24.7644, 26.6125, 27.1241



25.4263, 26.6125, 31.4475

Square

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



24.7644, 26.6125, 27.1241



24.6390, 26.6125, 30.5321



25.8319, 26.6125, 30.9114



25.9613, 26.6125, 27.4747

Rectangle

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



24.7644, 26.6125, 27.1241



24.4544, 26.6125, 28.9304



25.8319, 26.6125, 30.9114



26.1534, 26.6125, 29.0226

Sweetspot

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



24.7651, 26.6136, 27.1247



44.9294, 47.5110, 50.9307



24.8329, 25.9946, 27.0016



10.0411, 10.6145, 11.3904



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.



24.7651, 26.6136, 27.1247



43.3308, 46.7721, 47.0036



24.2710, 26.3589, 27.1016



5.7679, 6.2388, 6.2287



11.0374, 18.5826, 3.0051



0.1309, 0.1907, 0.0299

Inverse Universe

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



24.3351, 25.0510, 29.1452



42.4203, 43.4637, 51.2814



24.8430, 25.3128, 29.1690



5.6369, 5.7629, 6.8440



6.7400, 2.9682, 23.1948



0.0898, 0.0415, 0.2229

Previews

White Background



This preview shows how the XYZ color 24.7644, 26.6125, 27.1241 looks on a white background.

Color Contrast Check

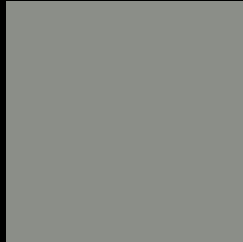
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7644, 26.6125, 27.1241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

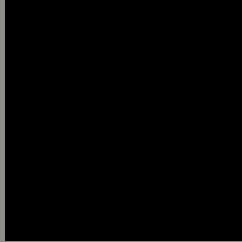
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.7644, 26.6125, 27.1241

Background



This preview shows how black text looks on a background with the XYZ color 24.7644, 26.6125, 27.1241.



This preview shows how white text looks on a background with the XYZ color 24.7644, 26.6125,

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

24.7644, 26.6125, 27.1241

Protanopia

25.4283, 26.5252, 26.7013

Deuteranopia

27.0298, 26.4824, 27.3539



Tritanopia

25.9485, 26.6533, 33.0551

Trichromacy



Original Color

24.7644, 26.6125, 27.1241

Protanomaly

25.2257, 26.6387, 26.7339

Deuteranomaly

26.1815, 26.4671, 27.3957

Tritanomaly

25.5284, 26.7005, 31.0024

Monochromacy



Original Color

24.7644, 26.6125, 27.1241

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.0003, 26.4893, 28.2214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7644, 26.6125, 27.1241 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(139, 142, 136)` looks like.

```
.text, #text, p{  
    color:rgb(139, 142, 136)  
}
```

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(139, 142, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 142, 136) }
```

Border

The CSS property to change the border of an element to XYZ 24.7644, 26.6125, 27.1241 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(139, 142, 136) }
```


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

```
.border{ border-color:rgb(139, 142, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 142, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 142, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 142, 136);  
box-shadow:4px 4px 4px 4px rgb(139, 142,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7644, 26.6125, 27.1241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 142, 136) }
```

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

```
.background{ background-color: rgb(139,  
142, 136) }
```

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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