

Converting Colors

XYZ(24.1166, 27.5862, 28.7653)

Have a look what the booklet for
XYZ(24.1166, 27.5862, 28.7653)
contains.

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Color

**XYZ(24.2256, 27.6625,
28.8735)**

Conversions

Conversions Part 1

Format	Color
Hex	80948C
RGB	128, 148, 140
RGB Percent	50%, 58%, 55%
CMY	0.4980, 0.4196, 0.4510
CMYK	0.14, 0.00, 0.05, 0.42
HSL	156°, 9%, 54%
HSV	156°, 14%, 58%
XYZ	24.2256, 27.6625, 28.8735
YIQ	141.1080, -9.3520, -6.7280

Conversions

Conversions Part 2

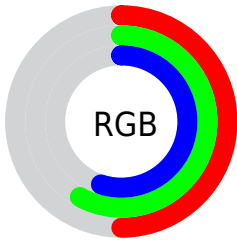
Format	Color
R_{YB}	128, 141, 148
Decimal	8426636
CIE _{Lab}	59.58, -8.77, 1.82
CIE _{LCh}	60, 8.958, 168.260
Yxy	27.6625, 0.3000, 0.3425
Android (android.graphics.Color)	4286616716 (0xFF80948C)
YUV	141.1080, -0.5462, -11.4957
Hunter-Lab	52.5952, -9.8235, 4.2678

Details

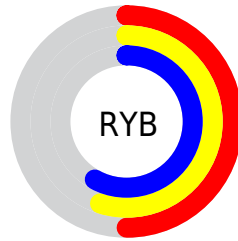
The XYZ color **24.2256, 27.6625, 28.8735** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.3768, 23.5125, 26.5473**, and the grayscale version is **25.3651, 26.6861, 29.0611**.

A 20% lighter version of the original color is **49.9142, 55.9599, 59.2095**, and **9.3446, 10.9498, 11.2939** is the 20% darker color. If you saturate the color by 10%, you get **21.7350, 26.4284, 26.5391**, and if you desaturate by 10%, it is **27.0660, 29.0757, 31.3481**.

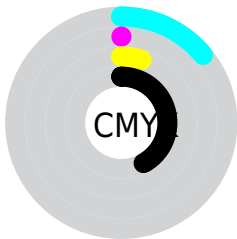
Distribution



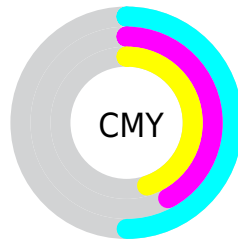
- Red (50%)
- Green (58%)
- Blue (55%)



- Red (50%)
- Yellow (55%)
- Blue (58%)



- Cyan (14%)
- Magenta (0%)
- Yellow (5%)
- Black (42%)



- Cyan (50%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2256, 27.6625, 28.8735 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 24.2256, 27.6625, 28.8735 by changing the saturation by 10% instead.

■ 24.2256, 27.6625,
28.8735

■ 24.2256, 27.6625,
28.8735

266.3784,
290.8507, 310.6599

■ 15.6267, 18.0714,
18.7404

■ 49.8501, 55.9452,
58.9158

■ 9.3496, 11.0013,
11.3079

■ 67.6064, 75.4055,
79.6621

■ 5.0288, 6.0677,
6.1576

■ 89.1459, 98.9244,
104.7832

■ 2.2991, 2.8863,
2.8708

114.8339,
126.8862, 134.6977

■ 0.7942, 1.0727,
1.0290

145.0358,
159.6753, 169.8241

■ 0.0000, 0.0000,
0.0000

180.1170,

197.6762, 210.5808

220.4427,
241.2732, 257.3866

■ 24.2256, 27.6625,
28.8735

■ 24.2256, 27.6625,
28.8735

■ 21.7350, 26.4284,
26.5391

■ 27.0660, 29.0757,
31.3481

■ 19.5775, 25.3626,
24.3405

■ 30.2674, 30.6716,
33.9635

■ 17.7385, 24.4584,
22.2756

■ 33.8434, 32.4576,
36.7228

■ 16.2013, 23.7071,
20.3417

■ 37.8060, 34.4402,
39.6284

■ 14.9478, 23.0996,
18.5358

■ 42.1668, 36.6253,
42.6825

■ 13.9576, 22.6253,
16.8548

■ 46.9370, 39.0184,
45.8874

■ 13.2075, 22.2724,
15.2955

■ 52.1272, 41.6251,
49.2452

■ 12.6701, 22.0267,
13.8544

■ 57.7476, 44.4506,
52.7581

■ 12.3849, 21.8987,
12.9795

■ 61.4887, 46.3042,
56.3196

Harmonies

Analogous

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



24.7071, 27.6625, 26.1709



24.2256, 27.6625, 28.8735



24.2861, 27.6625, 32.1081

Triad

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



24.2256, 27.6625, 28.8735



26.9778, 27.6625, 36.4117



27.7629, 27.6625, 25.7187

Complementary

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



24.2256, 27.6625, 28.8735



24.3768, 23.5125, 26.5473

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.



28.4062, 27.6625, 28.2152



24.2256, 27.6625, 28.8735



27.9441, 27.6625, 34.4471

Square

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



24.2256, 27.6625, 28.8735



25.8535, 27.6625, 36.6196



28.4735, 27.6625, 31.4014



26.7362, 27.6625, 24.4385

Rectangle

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



24.2256, 27.6625, 28.8735



24.6259, 27.6625, 34.1320



28.4735, 27.6625, 31.4014



28.0324, 27.6625, 26.4350

Sweetspot

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



24.2264, 27.6637, 28.8741



47.4544, 51.1508, 55.0561



24.6947, 28.0018, 24.5257



10.7484, 11.6346, 12.4965



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.



24.2264, 27.6637, 28.8741



41.4504, 48.1665, 49.7644



24.5787, 27.3892, 32.0097



5.8668, 6.5233, 6.9097



10.5918, 18.7095, 11.1580



0.1442, 0.2348, 0.2134

Inverse Universe

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



24.3768, 23.5125, 26.5473



41.7650, 39.4893, 44.9014



24.0482, 23.7318, 23.7356



5.8912, 5.8515, 6.5331



11.1234, 5.6544, 4.1308



0.1500, 0.0748, 0.1237

Previews

White Background



This preview shows how the XYZ color 24.2256, 27.6625, 28.8735 looks on a white background.

Color Contrast Check

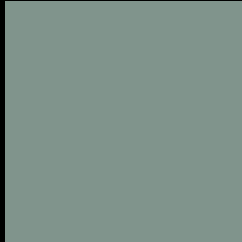
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2256, 27.6625, 28.8735 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

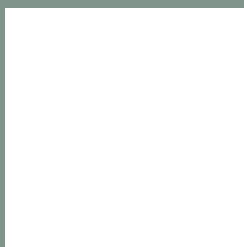
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.2256, 27.6625, 28.8735

Background



This preview shows how black text looks on a background with the XYZ color 24.2256, 27.6625, 28.8735.



This preview shows how white text looks on a background with the XYZ color 24.2256, 27.6625,

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

24.2256, 27.6625, 28.8735

Protanopia

26.3704, 27.6541, 27.6148

Deuteranopia

28.0197, 27.5863, 29.4391



Tritanopia

25.5713, 27.5104, 35.8606

Trichromacy



Original Color

24.2256, 27.6625, 28.8735

Protanomaly

25.5281, 27.6612, 28.0384

Deuteranomaly

26.3348, 27.3801, 29.0962

Tritanomaly

25.0707, 27.5380, 33.2721

Monochromacy



Original Color

24.2256, 27.6625, 28.8735

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

24.9343, 27.1038, 29.1167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2256, 27.6625, 28.8735 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(128, 148, 140)` looks like.

```
.text, #text, p{  
    color:rgb(128, 148, 140)  
}
```

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(128, 148, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 148, 140) }
```

Border

The CSS property to change the border of an element to XYZ 24.2256, 27.6625, 28.8735 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(128, 148, 140) }
```


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

```
.border{ border-color:rgb(128, 148, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 148, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 148, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 148, 140);  
box-shadow:4px 4px 4px 4px rgb(128, 148,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2256, 27.6625, 28.8735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 148, 140) }
```

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

```
.background{ background-color: rgb(128,  
148, 140) }
```

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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