

Converting Colors

XYZ(24.6827, 24.4372, 27.7681)

Have a look what the booklet for
XYZ(24.6827, 24.4372, 27.7681)
contains.

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Color

**XYZ(24.7655, 24.4776,
27.8455)**

Conversions

Conversions Part 1

Format	Color
Hex	92848B
RGB	146, 132, 139
RGB Percent	57%, 52%, 55%
CMY	0.4274, 0.4823, 0.4549
CMYK	0.00, 0.10, 0.05, 0.43
HSL	330°, 6%, 55%
HSV	330°, 10%, 57%
XYZ	24.7655, 24.4776, 27.8455
YIQ	136.9840, 6.0970, 5.1450

Conversions

Conversions Part 2

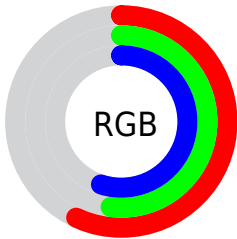
Format	Color
R_{YB}	146, 132, 139
Decimal	9602187
CIE Lab	56.56, 6.58, -1.84
CIE LCh	57, 6.836, 344.382
Yxy	24.4776, 0.3213, 0.3175
Android (android.graphics.Color)	4287792267 (0xFF92848B)
YUV	136.9840, 0.9939, 7.9070
Hunter-Lab	49.4748, 2.7703, 1.2627

Details

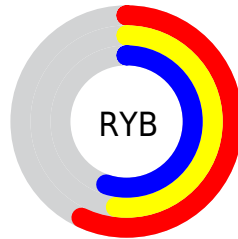
The XYZ color **24.7655, 24.4776, 27.8455** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.4557, 27.3280, 28.4132**, and the grayscale version is **23.7671, 25.0049, 27.2303**.

A 20% lighter version of the original color is **50.6828, 50.7831, 57.0000**, and **9.6157, 9.3407, 10.7473** is the 20% darker color. If you saturate the color by 10%, you get **22.4069, 20.5856, 24.5147**, and if you desaturate by 10%, it is **27.4382, 28.9402, 31.4574**.

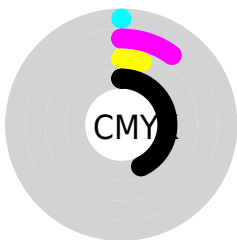
Distribution



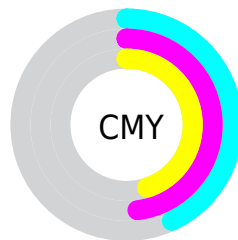
- Red (57%)
- Green (52%)
- Blue (55%)



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



- Cyan (0%)
- Magenta (10%)
- Yellow (5%)
- Black (43%)



- Cyan (43%)
- Magenta (48%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7655, 24.4776, 27.8455 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 24.7655, 24.4776, 27.8455 by changing the saturation by 10% instead.

■ 24.7655, 24.4776,
27.8455

■ 24.7655, 24.4776,
27.8455

269.0373,
275.2263, 305.6166

■ 16.0302, 15.6883,
17.9712

■ 50.7222, 50.8085,
57.2578

■ 9.6365, 9.3038,
10.7601

■ 68.6743, 69.1188,
77.6329

■ 5.2190, 4.9399,
5.7936

■ 90.4294, 91.3716,
102.3453

■ 2.4124, 2.2120,
2.6532

116.3529,
117.9512, 131.8137

■ 0.8513, 0.7265,
0.9198

146.8100,
149.2421, 166.4564

■ 0.0000, 0.0000,
0.0000

182.1663,

185.6287, 206.6921

222.7869,
227.4952, 252.9393

■ 24.7655, 24.4776,
27.8455

■ 24.7655, 24.4776,
27.8455

■ 22.4069, 20.5856,
24.5147

■ 27.4382, 28.9402,
31.4574

■ 20.3483, 17.2378,
21.4560

■ 30.4344, 33.9920,
35.3560

■ 18.5772, 14.4106,
18.6621

■ 33.7657, 39.6547,
39.5486

■ 17.0799, 12.0772,
16.1247

■ 37.4423, 45.9480,
44.0418

■ 15.8412, 10.2085,
13.8350

■ 41.4742, 52.8907,
48.8419

■ 14.8443, 8.7724,
11.7836

■ 45.8708, 60.5007,
53.9552

■ 14.0705, 7.7325,
9.9602

■ 50.6413, 68.7954,
59.3875

■ 13.4978, 7.0464,
8.3532

■ 55.7945, 77.7914,
65.1447

■ 13.0730, 6.6090,
6.9406

■ 58.5988, 82.0249,
70.3191

Harmonies

Analogous

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



24.3486, 24.4776, 29.8978



24.7655, 24.4776, 27.8455



24.7744, 24.4776, 25.5815

Triad

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



24.7655, 24.4776, 27.8455



22.8884, 24.4776, 22.6401



22.1919, 24.4776, 29.8259

Complementary

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



24.7655, 24.4776, 27.8455



24.4557, 27.3280, 28.4132

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.



21.8186, 24.4776, 27.7519



24.7655, 24.4776, 27.8455



22.2145, 24.4776, 23.6500

Square

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



24.7655, 24.4776, 27.8455



23.6783, 24.4776, 22.6620



21.8268, 24.4776, 25.4930



22.8570, 24.4776, 31.0847

Rectangle

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



24.7655, 24.4776, 27.8455



24.5470, 24.4776, 24.2602



21.8268, 24.4776, 25.4930



22.0289, 24.4776, 29.1960

Sweetspot

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



24.7662, 24.4787, 27.8460



46.7025, 48.2032, 53.2241



24.0879, 24.0680, 30.5704



10.3091, 10.5889, 11.7321



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.



24.7662, 24.4787, 27.8460



42.5317, 41.2626, 47.5147



24.2710, 24.2806, 25.2385



5.9145, 5.8608, 6.6557



11.5009, 5.8054, 6.1185



0.1556, 0.0770, 0.1531

Inverse Universe

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



24.7662, 24.4787, 27.8460



42.5317, 41.2626, 47.5147



24.9836, 27.5391, 31.1932



5.9145, 5.8608, 6.6557



11.5009, 5.8054, 6.1185



0.1556, 0.0770, 0.1531

Previews

White Background



This preview shows how the XYZ color 24.7655, 24.4776, 27.8455 looks on a white background.

Color Contrast Check

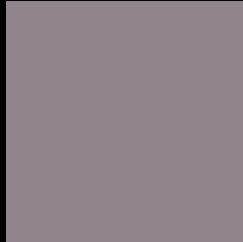
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7655, 24.4776, 27.8455 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 24.7655, 24.4776, 27.8455

Background



This preview shows how black text looks on a background with the XYZ color 24.7655, 24.4776, 27.8455.



This preview shows how white text looks on a background with the XYZ color 24.7655, 24.4776,

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

24.7655, 24.4776, 27.8455

Protanopia

23.7882, 24.5694, 28.6879

Deuteranopia

24.9441, 24.5697, 27.8538



Tritanopia

24.9878, 24.5665, 29.0160

Trichromacy



Original Color

24.7655, 24.4776, 27.8455

Protanomaly

24.0739, 24.5191, 28.2748

Deuteranomaly

24.9441, 24.5697, 27.8538

Tritanomaly

24.9130, 24.5366, 28.6223

Monochromacy



Original Color

24.7655, 24.4776, 27.8455

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.0666, 24.7384, 27.5513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7655, 24.4776, 27.8455 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(146, 132, 139) looks like.

```
.text, #text, p{  
    color:rgb(146, 132, 139)  
}
```

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(146, 132, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 132, 139) }
```

Border

The CSS property to change the border of an element to XYZ 24.7655, 24.4776, 27.8455 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(146, 132, 139) }
```


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

```
.border{ border-color:rgb(146, 132, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 132, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 132, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 132, 139);  
box-shadow:4px 4px 4px 4px rgb(146, 132,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7655, 24.4776, 27.8455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 132, 139) }
```

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

```
.background{ background-color: rgb(146,  
132, 139) }
```

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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