

Converting Colors

XYZ(24.7634, 24.2024, 30.4087)

Have a look what the booklet for
XYZ(24.7634, 24.2024, 30.4087)
contains.

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Color

**XYZ(24.8062, 24.2372,
30.5650)**

Conversions

Conversions Part 1

Format	Color
Hex	908392
RGB	144, 131, 146
RGB Percent	56%, 51%, 57%
CMY	0.4353, 0.4863, 0.4274
CMYK	0.01, 0.10, 0.00, 0.43
HSL	292°, 6%, 54%
HSV	292°, 10%, 57%
XYZ	24.8062, 24.2372, 30.5650
YIQ	136.5970, 2.9330, 7.4210

Conversions

Conversions Part 2

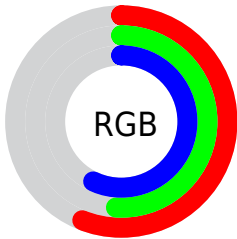
Format	Color
R _Y B	144, 131, 146
Decimal	9470866
CIE Lab	56.32, 7.79, -6.26
CIE LCh	56, 9.988, 321.216
Yxy	24.2372, 0.3116, 0.3045
Android (android.graphics.Color)	4287660946 (0xFF908392)
YUV	136.5970, 4.6357, 6.4924
Hunter-Lab	49.2313, 3.7861, -2.3480

Details

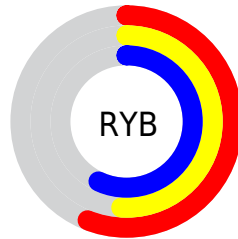
The XYZ color **24.8062, 24.2372, 30.5650** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.0494, 27.1837, 25.4534**, and the grayscale version is **23.6088, 24.8383, 27.0489**.

A 20% lighter version of the original color is **50.8545, 50.4569, 61.7024**, and **9.7447, 9.2588, 12.3399** is the 20% darker color. If you saturate the color by 10%, you get **22.6450, 20.4149, 29.9415**, and if you desaturate by 10%, it is **27.2511, 28.6173, 31.2820**.

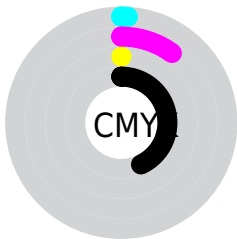
Distribution



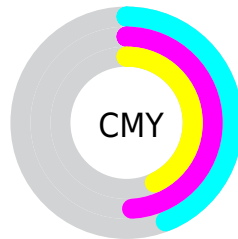
- Red (56%)
- Green (51%)
- Blue (57%)



- Red (56%)
- Yellow (51%)
- Blue (57%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (43%)



- Cyan (44%)
- Magenta (49%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.8062, 24.2372, 30.5650 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 24.8062, 24.2372, 30.5650 by changing the saturation by 10% instead.

■ 24.8062, 24.2372,
30.5650

■ 24.8062, 24.2372,
30.5650

269.2369,
274.0175, 318.8181

■ 16.0607, 15.5097,
20.0122

■ 50.7878, 50.4170,
61.6261

■ 9.6582, 9.1779,
12.2197

■ 68.7546, 68.6381,
82.9714

■ 5.2335, 4.8574,
6.7691

■ 90.5259, 90.7924,
108.7513

■ 2.4210, 2.1638,
3.2419

116.4670,
117.2645, 139.3843

■ 0.8556, 0.7002,
1.2194

146.9433,
148.4386, 175.2889

■ 0.0000, 0.0000,
0.0000

182.3202,

184.6992, 216.8837

222.9629,
226.4307, 264.5873

■ 24.8062, 24.2372,
30.5650

■ 24.8062, 24.2372,
30.5650

■ 22.6450, 20.4149,
29.9415

■ 27.2511, 28.6173,
31.2820

■ 20.7537, 17.1242,
29.4060

■ 29.9883, 33.5737,
32.0944

■ 19.1208, 14.3416,
28.9550

■ 33.0288, 39.1280,
33.0062

■ 17.7329, 12.0405,
28.5840

■ 36.3824, 45.2996,
34.0207

■ 16.5755, 10.1920,
28.2882

■ 40.0584, 52.1071,
35.1409

■ 15.6326, 8.7638,
28.0622

■ 44.0658, 59.5684,
36.3699

■ 14.8860, 7.7197,
27.9000

■ 48.4130, 67.7005,
37.7104

■ 14.3143, 7.0171,
27.7945

■ 53.1084, 76.5199,
39.1653

■ 13.8710, 6.5514,
27.7280

■ 55.7522, 81.2270,
39.9345

Harmonies

Analogous

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



23.8473, 24.2372, 32.7542



24.8062, 24.2372, 30.5650



25.2950, 24.2372, 27.3705

Triad

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



24.8062, 24.2372, 30.5650



23.3765, 24.2372, 20.6062



21.0336, 24.2372, 28.7521

Complementary

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



24.8062, 24.2372, 30.5650



24.0494, 27.1837, 25.4534

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.



20.9170, 24.2372, 25.4335



24.8062, 24.2372, 30.5650



22.2447, 24.2372, 20.9090

Square

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



24.8062, 24.2372, 30.5650



24.4517, 24.2372, 21.7493



21.3535, 24.2372, 22.6140



21.6774, 24.2372, 31.6484

Rectangle

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



24.8062, 24.2372, 30.5650



25.2776, 24.2372, 25.1759



21.3535, 24.2372, 22.6140



20.9323, 24.2372, 27.6429

Sweetspot

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



24.8069, 24.2382, 30.5655



46.8198, 48.2286, 54.8149



22.9712, 23.7453, 30.5671



10.3415, 10.5959, 12.1724



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.



24.8069, 24.2382, 30.5655



42.9713, 41.3530, 53.6907



24.7603, 24.2603, 28.4803



5.9601, 5.8704, 7.2887



12.2198, 5.7721, 24.4011



0.1665, 0.0794, 0.2995

Inverse Universe

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



24.2049, 24.0381, 25.5556



41.7269, 40.9407, 43.2765



24.1015, 27.1684, 27.3605



5.8304, 5.8272, 6.2132



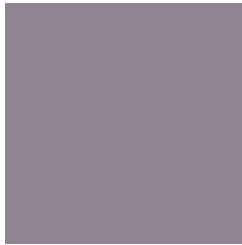
10.5438, 5.4226, 1.0789



0.1351, 0.0688, 0.0452

Previews

White Background



This preview shows how the XYZ color 24.8062, 24.2372, 30.5650 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 24.8062, 24.2372, 30.5650 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 24.8062, 24.2372, 30.5650

Background



This preview shows how black text looks on a background with the XYZ color 24.8062, 24.2372, 30.5650.



This preview shows how white text looks on a background with the XYZ color 24.8062, 24.2372,

30.5650.

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

24.8062, 24.2372, 30.5650

Protanopia

23.7019, 24.2566, 31.4497

Deuteranopia

24.6323, 24.1476, 30.5568



Tritanopia

24.4614, 24.2952, 28.9914

Trichromacy



Original Color

24.8062, 24.2372, 30.5650

Protanomaly

24.1352, 24.2849, 31.0192

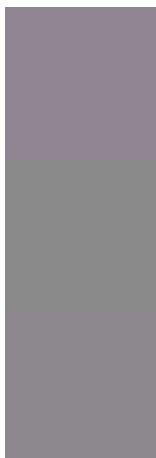
Deuteranomaly

24.6323, 24.1476, 30.5568

Tritanomaly

24.5369, 24.3253, 29.3886

Monochromacy



Original Color

24.8062, 24.2372, 30.5650

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.2128, 24.7968, 28.3211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.8062, 24.2372, 30.5650 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(144, 131, 146)` looks like.

```
.text, #text, p{  
    color:rgb(144, 131, 146)  
}
```

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(144, 131, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 131, 146) }
```

Border

The CSS property to change the border of an element to XYZ 24.8062, 24.2372, 30.5650 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(144, 131, 146) }
```


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

```
.border{ border-color:rgb(144, 131, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 131, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 131, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 131, 146);  
box-shadow:4px 4px 4px 4px rgb(144, 131,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 24.8062, 24.2372, 30.5650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 131, 146) }
```

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

```
.background{ background-color: rgb(144,  
131, 146) }
```

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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