

Converting Colors

XYZ(24.8526, 24.3001, 38.4188)

Have a look what the booklet for
XYZ(24.8526, 24.3001, 38.4188)
contains.

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Color

**XYZ(24.7836, 24.2512,
38.4967)**

Conversions

Conversions Part 1

Format	Color
Hex	8684A4
RGB	134, 132, 164
RGB Percent	53%, 52%, 64%
CMY	0.4745, 0.4823, 0.3569
CMYK	0.18, 0.20, 0.00, 0.36
HSL	244°, 15%, 58%
HSV	244°, 20%, 64%
XYZ	24.7836, 24.2512, 38.4967
YIQ	136.2460, -9.0800, 10.3760

Conversions

Conversions Part 2

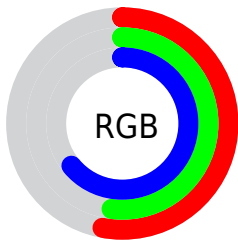
Format	Color
RYB	134, 132, 164
Decimal	8815780
CIELab	56.34, 7.63, -16.70
CIElCh	56, 18.361, 294.550
Yxy	24.2512, 0.2831, 0.2771
Android (android.graphics.Color)	4287005860 (0xFF8684A4)
YUV	136.2460, 13.6827, -1.9697
Hunter-Lab	49.2455, 3.6534, -11.8769

Details

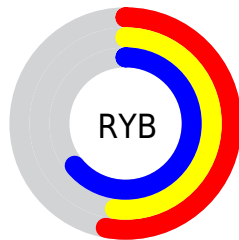
The XYZ color **24.7836, 24.2512, 38.4967** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **32.3415, 35.8989, 27.0555**, and the grayscale version is **23.4473, 24.6684, 26.8638**.

A 20% lighter version of the original color is **50.8742, 50.5038, 74.0847**, and **9.6740, 9.2412, 16.6031** is the 20% darker color. If you saturate the color by 10%, you get **20.4571, 18.9753, 37.7068**, and if you desaturate by 10%, it is **29.8176, 30.4120, 39.4209**.

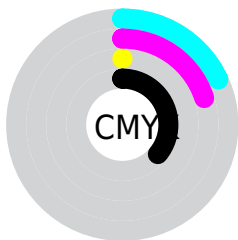
Distribution



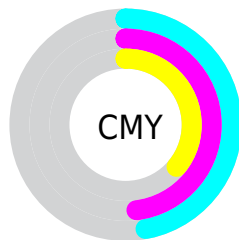
- Red (53%)
- Green (52%)
- Blue (64%)



- Red (53%)
- Yellow (52%)
- Blue (64%)



- Cyan (18%)
- Magenta (20%)
- Yellow (0%)
- Black (36%)



- Cyan (47%)
- Magenta (48%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7836, 24.2512, 38.4967 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 24.7836, 24.2512, 38.4967 by changing the saturation by 10% instead.

■ 24.7836, 24.2512,
38.4967

■ 24.7836, 24.2512,
38.4967

269.1261,
274.0880, 355.1078

■ 16.0438, 15.5201,
26.0636

■ 50.7514, 50.4398,
74.0807

■ 9.6462, 9.1852,
16.6450

■ 68.7100, 68.6661,
98.0686

■ 5.2255, 4.8622,
9.8225

■ 90.4723, 90.8262,
126.7452

■ 2.4163, 2.1666,
5.1773

116.4036,
117.3045, 160.5291

■ 0.8532, 0.7017,
2.2911

146.8693,
148.4855, 199.8388

■ 0.0000, 0.0000,
0.7262

182.2347,

■ 0.0000, 0.0000,

184.7534, 245.0927

0.0000

222.8652,
226.4928, 296.7096

■ 24.7836, 24.2512,
38.4967

■ 24.7836, 24.2512,
38.4967

■ 20.4571, 18.9753,
37.7068

■ 29.8176, 30.4120,
39.4209

■ 16.8042, 14.5409,
37.0434

■ 35.5864, 37.4926,
40.4836

■ 13.7917, 10.9053,
36.5004

■ 42.1186, 45.5297,
41.6906

■ 11.3825, 8.0210,
36.0707

■ 49.4408, 54.5570,
43.0471

■ 9.5360, 5.8353,
35.7461

■ 57.5782, 64.6066,
44.5580

■ 8.2062, 4.2887,
35.5177

■ 66.5547, 75.7092,
46.2279

■ 7.3401, 3.3121,
35.3748

■ 76.3936, 87.8942,
48.0613

■ 6.8476, 2.7689,
35.2959

■ 83.7009, 95.4604,
49.1366

■ 6.8291, 2.7465,
35.2926

Harmonies

Analogous

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



22.6655, 24.2512, 39.7988



24.7836, 24.2512, 38.4967



26.5288, 24.2512, 33.7631

Triad

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



24.7836, 24.2512, 38.4967



25.4933, 24.2512, 17.9993



19.2295, 24.2512, 25.3132

Complementary

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



24.7836, 24.2512, 38.4967



32.3415, 35.8989, 27.0555

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.



19.8895, 24.2512, 20.2028



24.7836, 24.2512, 38.4967



23.4389, 24.2512, 16.4146

Square

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



24.7836, 24.2512, 38.4967



26.9558, 24.2512, 21.8505



21.3993, 24.2512, 17.1550



19.5411, 24.2512, 31.5531

Rectangle

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



24.7836, 24.2512, 38.4967



27.2018, 24.2512, 29.6355



21.3993, 24.2512, 17.1550



19.3438, 24.2512, 23.4190

Sweetspot

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



24.7844, 24.2522, 38.4972



57.5289, 59.3786, 72.1814



29.2082, 33.5683, 40.0623



12.4417, 12.8154, 15.7554



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



24.7844, 24.2522, 38.4972



41.7572, 40.0778, 69.2873



27.4571, 25.6301, 38.6223



6.7395, 6.8801, 8.8758



5.2515, 2.1137, 27.0610



0.1219, 0.0504, 0.5692

Inverse Universe

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



30.0835, 27.0047, 37.8104



53.0065, 45.9220, 67.7791



29.3664, 34.3652, 26.9163



7.3451, 7.1945, 8.8039



16.2021, 7.8369, 24.0529



0.3458, 0.1668, 0.5335

Previews

White Background



This preview shows how the XYZ color 24.7836, 24.2512, 38.4967 looks on a white background.

Color Contrast Check

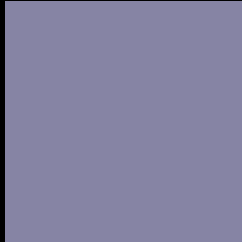
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7836, 24.2512, 38.4967 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 24.7836, 24.2512, 38.4967

Background



This preview shows how black text looks on a background with the XYZ color 24.7836, 24.2512, 38.4967.



This preview shows how white text looks on a background with the XYZ color 24.7836, 24.2512,

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

24.7836, 24.2512, 38.4967

Protanopia

24.2187, 24.3560, 39.0220

Deuteranopia

24.7836, 24.2512, 38.4967



Tritanopia

23.2124, 24.2286, 30.6473

Trichromacy



Original Color

24.7836, 24.2512, 38.4967

Protanomaly

24.3850, 24.2375, 38.9904

Deuteranomaly

24.7836, 24.2512, 38.4967

Tritanomaly

23.7906, 24.2556, 33.5649

Monochromacy



Original Color

24.7836, 24.2512, 38.4967

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.8440, 24.5542, 30.6768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7836, 24.2512, 38.4967 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(134, 132, 164)` looks like.

```
.text, #text, p{  
    color:rgb(134, 132, 164)  
}
```

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(134, 132, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 132, 164) }
```

Border

The CSS property to change the border of an element to XYZ 24.7836, 24.2512, 38.4967 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(134, 132, 164) }
```


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

```
.border{ border-color:rgb(134, 132, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 132, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 132, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 132, 164);  
box-shadow:4px 4px 4px 4px rgb(134, 132,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7836, 24.2512, 38.4967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 132, 164) }
```

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

```
.background{ background-color: rgb(134,  
132, 164) }
```

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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