

Converting Colors

XYZ(24.0718, 26.2174, 8.9460)

Have a look what the booklet for
XYZ(24.0718, 26.2174, 8.9460)
contains.

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Color

**XYZ(24.0718, 26.2174,
8.9460)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8C42
RGB	156, 140, 66
RGB Percent	61%, 55%, 26%
CMY	0.3882, 0.4510, 0.7412
CMYK	0.00, 0.10, 0.58, 0.39
HSL	49°, 41%, 44%
HSV	49°, 58%, 61%
XYZ	24.0718, 26.2174, 8.9460
YIQ	136.3480, 33.2900, -19.6220

Conversions

Conversions Part 2

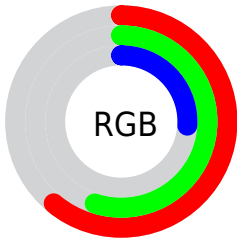
Format	Color
R_{YB}	85, 156, 66
Decimal	10259522
CIE Lab	58.24, -3.67, 41.06
CIE LCh	58, 41.222, 95.105
Yxy	26.2174, 0.4064, 0.4426
Android (android.graphics.Color)	4288449602 (0xFF9C8C42)
YUV	136.3480, -34.6816, 17.2348
Hunter-Lab	51.2029, -5.6877, 25.4831

Details

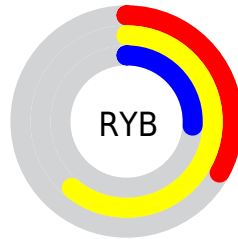
The XYZ color **24.0718, 26.2174, 8.9460** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **11.2648, 9.5930, 32.7104**, and the grayscale version is **23.6503, 24.8819, 27.0964**.

A 20% lighter version of the original color is **49.3737, 53.3979, 24.2276**, and **9.2292, 10.1745, 1.9677** is the 20% darker color. If you saturate the color by 10%, you get **23.2733, 25.2588, 6.7121**, and if you desaturate by 10%, it is **25.0072, 27.2490, 11.8451**.

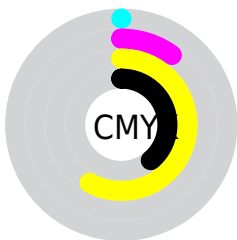
Distribution



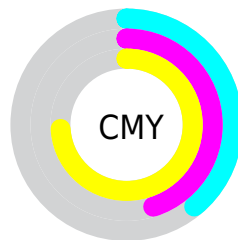
- Red (61%)
- Green (55%)
- Blue (26%)



- Red (33%)
- Yellow (61%)
- Blue (26%)



- Cyan (0%)
- Magenta (10%)
- Yellow (58%)
- Black (39%)



- Cyan (39%)
- Magenta (45%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0718, 26.2174, 8.9460 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 24.0718, 26.2174, 8.9460 by changing the saturation by 10% instead.

■ 24.0718, 26.2174,
8.9460

■ 24.0718, 26.2174,
8.9460

265.6170,
283.8477, 193.1778

■ 15.5119, 16.9863,
4.6096

■ 49.6012, 53.6255,
24.3692

■ 9.2681, 10.2248,
1.9654

■ 67.3014, 72.5713,
36.2932

■ 4.9750, 5.5482,
0.5339

■ 88.7790, 95.5241,
51.5834

■ 2.2672, 2.5724,
0.0000

■ 114.3995,
122.8684, 70.6585

■ 0.7778, 0.9128,
0.0000

■ 144.5282,
154.9885, 93.9369

■ 0.0000, 0.0000,
0.0000

179.5305,

192.2688, 121.8372

219.7716,
235.0937, 154.7780

■ 24.0718, 26.2174,
8.9460

■ 24.0718, 26.2174,
8.9460

■ 23.2733, 25.2588,
6.7121

■ 25.0072, 27.2490,
11.8451

■ 22.5994, 24.3653,
5.0866

■ 26.0870, 28.3539,
15.4567

■ 22.0383, 23.5331,
4.0060

■ 27.3203, 29.5368,
19.8257

■ 21.5689, 22.7534,
3.3585

■ 28.7150, 30.8008,
24.9928

■ 21.4651, 22.5775,
3.2266

■ 30.2783, 32.1491,
30.9960

■ 32.0169, 33.5845,
37.8705

■ 33.9374, 35.1096,
45.6498

■ 36.0456, 36.7270,
54.3654

■ 38.3475, 38.4391,
64.0474

Harmonies

Analogous

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



29.1963, 26.2174, 10.1262



24.0718, 26.2174, 8.9460



19.7812, 26.2174, 11.4064

Triad

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



24.0718, 26.2174, 8.9460



17.8419, 26.2174, 47.5244



34.7140, 26.2174, 41.8006

Complementary

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



24.0718, 26.2174, 8.9460



11.2648, 9.5930, 32.7104

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.



30.8770, 26.2174, 57.5743



24.0718, 26.2174, 8.9460



21.0810, 26.2174, 61.5811

Square

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



24.0718, 26.2174, 8.9460



16.5054, 26.2174, 31.0712



25.7855, 26.2174, 65.7683



35.7935, 26.2174, 26.1620

Rectangle

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



24.0718, 26.2174, 8.9460



17.8257, 26.2174, 15.4974



25.7855, 26.2174, 65.7683



33.6809, 26.2174, 47.4083

Sweetspot

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



24.0724, 26.2186, 8.9465



52.2500, 56.0272, 45.7543



17.2008, 11.5815, 9.4120



11.3901, 12.2334, 9.6640



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.0724, 26.2186, 8.9465



41.9222, 45.4317, 11.2975



21.6991, 28.7209, 9.5546



7.0698, 7.5197, 7.0645



17.7033, 18.6422, 2.6652



0.3405, 0.3813, 0.0557

Inverse Universe

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



11.2648, 9.5930, 32.7104



16.4753, 12.4463, 58.6608



12.6168, 8.7033, 32.4675



6.3754, 6.6165, 8.3478



5.2986, 2.6888, 26.1470



0.1179, 0.0944, 0.4752

Previews

White Background



This preview shows how the XYZ color 24.0718, 26.2174, 8.9460 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 24.0718, 26.2174, 8.9460 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 24.0718, 26.2174, 8.9460

Background



This preview shows how black text looks on a background with the XYZ color 24.0718, 26.2174, 8.9460.



This preview shows how white text looks on a background with the XYZ color 24.0718, 26.2174,

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

24.0718, 26.2174, 8.9460

Protanopia

23.8790, 26.1181, 8.9370

Deuteranopia

26.6645, 26.0766, 9.0968



Tritanopia

28.2380, 26.2421, 29.1681

Trichromacy



Original Color

24.0718, 26.2174, 8.9460

Protanomaly

23.8790, 26.1181, 8.9370

Deuteranomaly

25.7536, 26.2291, 9.0155

Tritanomaly

26.1984, 26.0164, 19.5605

Monochromacy



Original Color

24.0718, 26.2174, 8.9460

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.1426, 24.8787, 18.6212

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0718, 26.2174, 8.9460 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(156, 140, 66)` looks like.

```
.text, #text, p{  
    color:rgb(156, 140, 66)  
}
```

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(156, 140, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 140, 66) }
```

Border

The CSS property to change the border of an element to XYZ 24.0718, 26.2174, 8.9460 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(156, 140, 66) }
```


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

```
.border{ border-color:rgb(156, 140, 66) }
```

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

Here you see how a box with a 4 pixel rgb(156, 140, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 140, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 140, 66);  
box-shadow:4px 4px 4px 4px rgb(156, 140,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0718, 26.2174, 8.9460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 140, 66) }
```

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

```
.background{ background-color: rgb(156,  
140, 66) }
```

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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