

Converting Colors

XYZ(25.7872, 24.1177, 13.0624)

Have a look what the booklet for
XYZ(25.7872, 24.1177, 13.0624)
contains.

XYZ(25.8839, 24.2059, 12.9808)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.8839, 24.2059,
12.9808)**

Conversions

Conversions Part 1

Format	Color
Hex	AA7E5A
RGB	170, 126, 90
RGB Percent	67%, 49%, 35%
CMY	0.3333, 0.5059, 0.6471
CMYK	0.00, 0.26, 0.47, 0.33
HSL	27°, 32%, 51%
HSV	27°, 47%, 67%
XYZ	25.8839, 24.2059, 12.9808
YIQ	135.0520, 37.7800, -1.8680

Conversions

Conversions Part 2

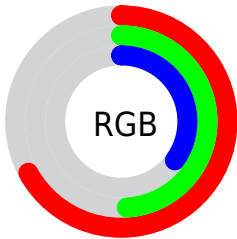
Format	Color
RYB	170, 155, 90
Decimal	11173466
CIELab	56.29, 12.48, 26.21
CIELCh	56, 29.030, 64.535
Yxy	24.2059, 0.4104, 0.3838
Android (android.graphics.Color)	4289363546 (0xFFAA7E5A)
YUV	135.0520, -22.2106, 30.6494
Hunter-Lab	49.1995, 7.8099, 18.7966

Details

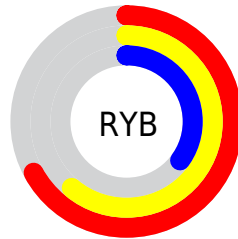
The XYZ color **25.8839, 24.2059, 12.9808** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **19.9969, 22.1253, 41.2469**, and the grayscale version is **23.1189, 24.3229, 26.4876**.

A 20% lighter version of the original color is **52.6064, 50.4942, 32.1730**, and **10.2924, 9.1952, 3.5179** is the 20% darker color. If you saturate the color by 10%, you get **24.1014, 21.6695, 9.2159**, and if you desaturate by 10%, it is **27.9449, 27.0344, 17.6555**.

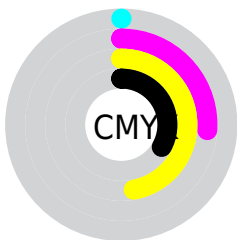
Distribution



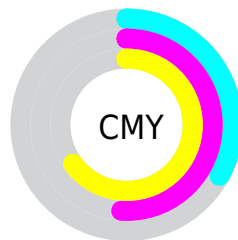
- Red (67%)
- Green (49%)
- Blue (35%)



- Red (67%)
- Yellow (61%)
- Blue (35%)



- Cyan (0%)
- Magenta (26%)
- Yellow (47%)
- Black (33%)



- Cyan (33%)
- Magenta (51%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8839, 24.2059, 12.9808 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 25.8839, 24.2059, 12.9808 by changing the saturation by 10% instead.

■ 25.8839, 24.2059,
12.9808

■ 25.8839, 24.2059,
12.9808

274.4788,
273.8598, 221.9981

■ 16.8690, 15.4864,
7.2848

■ 52.5202, 50.3660,
31.9600

■ 10.2359, 9.1615,
3.5597

■ 70.8724, 68.5754,
46.0802

■ 5.6191, 4.8467,
1.3870

■ 93.0677, 90.7169,
63.8455

■ 2.6533, 2.1576,
0.1316

■ 119.4715,
117.1749, 85.6745

■ 0.9732, 0.6967,
0.0000

■ 150.4492,
148.3338, 111.9857

■ 0.0000, 0.0000,
0.0000

186.3660,

184.5780, 143.1977

227.5875,
226.2919, 179.7290

■ 25.8839, 24.2059,
12.9808

■ 25.8839, 24.2059,
12.9808

■ 24.1014, 21.6695,
9.2159

■ 27.9449, 27.0344,
17.6555

■ 22.5811, 19.4109,
6.2980

■ 30.2958, 30.1614,
23.2941

■ 21.3074, 17.4198,
4.1589

■ 32.9496, 33.5975,
29.9481

■ 20.2622, 15.6836,
2.7184

■ 35.9178, 37.3518,
37.6648

■ 19.4196, 14.1863,
1.8583

■ 39.2113, 41.4328,
46.4887

■ 19.1971, 13.7852,
1.6490

■ 42.8405, 45.8486,
56.4616

■ 46.8152, 50.6073,
67.6231

■ 51.1448, 55.7164,
80.0111

■ 55.8384, 61.1832,
93.6615

Harmonies

Analogous

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



28.7209, 24.2059, 17.2339



25.8839, 24.2059, 12.9808



22.5023, 24.2059, 11.9306

Triad

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



25.8839, 24.2059, 12.9808



17.1738, 24.2059, 27.8392



26.8482, 24.2059, 44.6232

Complementary

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



25.8839, 24.2059, 12.9808



19.9969, 22.1253, 41.2469

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.



23.5192, 24.2059, 49.3061



25.8839, 24.2059, 12.9808



18.1061, 24.2059, 38.2352

Square

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



25.8839, 24.2059, 12.9808



17.6761, 24.2059, 19.2047



20.3515, 24.2059, 46.7238



29.3145, 24.2059, 35.0934

Rectangle

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



25.8839, 24.2059, 12.9808



20.4388, 24.2059, 12.9022



20.3515, 24.2059, 46.7238



25.7818, 24.2059, 46.9090

Sweetspot

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



25.8845, 24.2071, 12.9813



61.2353, 62.8105, 58.0659



24.5370, 17.5798, 24.6545



13.4119, 13.6963, 12.3220



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



25.8845, 24.2071, 12.9813



43.7422, 39.3355, 16.7470



32.0593, 36.5568, 15.0396



7.7987, 8.0775, 7.9373



14.1759, 10.2490, 1.2311



0.3963, 0.3523, 0.0471

Inverse Universe

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



19.9969, 22.1253, 41.2469



31.7851, 35.0911, 74.0999



15.4751, 13.0816, 39.7396



7.4609, 7.9587, 9.5613



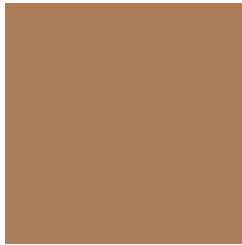
8.3050, 8.0702, 29.0955



0.2521, 0.2963, 0.7246

Previews

White Background



This preview shows how the XYZ color 25.8839, 24.2059, 12.9808 looks on a white background.

Color Contrast Check

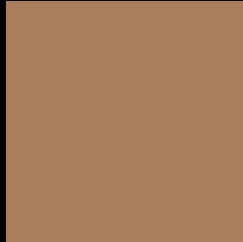
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8839, 24.2059, 12.9808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

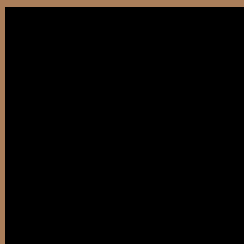
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.8839, 24.2059, 12.9808

Background



This preview shows how black text looks on a background with the XYZ color 25.8839, 24.2059, 12.9808.



This preview shows how white text looks on a background with the XYZ color 25.8839, 24.2059,

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

25.8839, 24.2059, 12.9808

Protanopia

22.5384, 24.2471, 14.0819

Deuteranopia

24.5537, 24.1032, 12.8094



Tritanopia

28.3222, 24.2851, 24.3138

Trichromacy



Original Color

25.8839, 24.2059, 12.9808

Protanomaly

23.7446, 24.2614, 13.7874

Deuteranomaly

25.0394, 24.1589, 12.7946

Tritanomaly

27.4111, 24.2880, 19.4630

Monochromacy



Original Color

25.8839, 24.2059, 12.9808

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.7938, 24.1303, 20.8563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8839, 24.2059, 12.9808 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(170, 126, 90)` looks like.

```
.text, #text, p{  
    color:rgb(170, 126, 90)  
}
```

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(170, 126, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 126, 90) }
```

Border

The CSS property to change the border of an element to XYZ 25.8839, 24.2059, 12.9808 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(170, 126, 90) }
```


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

```
.border{ border-color:rgb(170, 126, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 126, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 126, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 126, 90);  
box-shadow:4px 4px 4px 4px rgb(170, 126,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8839, 24.2059, 12.9808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 126, 90) }
```

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

```
.background{ background-color: rgb(170,  
126, 90) }
```

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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