

Converting Colors

XYZ(24.4369, 23.4826, 6.9958)

Have a look what the booklet for
XYZ(24.4369, 23.4826, 6.9958)
contains.

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Color

**XYZ(24.4096, 23.3878,
6.9691)**

Conversions

Conversions Part 1

Format	Color
Hex	A97D38
RGB	169, 125, 56
RGB Percent	66%, 49%, 22%
CMY	0.3373, 0.5098, 0.7804
CMYK	0.00, 0.26, 0.67, 0.34
HSL	37°, 50%, 44%
HSV	37°, 67%, 66%
XYZ	24.4096, 23.3878, 6.9691
YIQ	130.2900, 48.3730, -12.1310

Conversions

Conversions Part 2

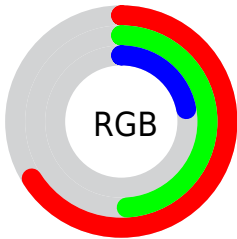
Format	Color
R _Y B	128, 169, 56
Decimal	11107640
CIE Lab	55.47, 9.76, 43.22
CIE LCh	55, 44.309, 77.277
Yxy	23.3878, 0.4457, 0.4270
Android (android.graphics.Color)	4289297720 (0xFFA97D38)
YUV	130.2900, -36.6250, 33.9487
Hunter-Lab	48.3609, 5.4641, 25.3086

Details

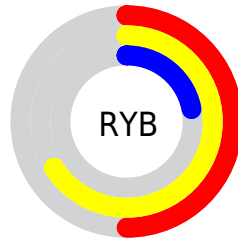
The XYZ color **24.4096, 23.3878, 6.9691** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **13.3492, 12.8190, 39.3066**, and the grayscale version is **21.4352, 22.5515, 24.5585**.

A 20% lighter version of the original color is **50.0022, 48.8158, 20.4227**, and **9.4109, 8.6862, 1.2667** is the 20% darker color. If you saturate the color by 10%, you get **23.2586, 21.6393, 4.8792**, and if you desaturate by 10%, it is **25.7565, 25.3048, 9.8130**.

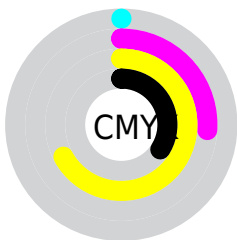
Distribution



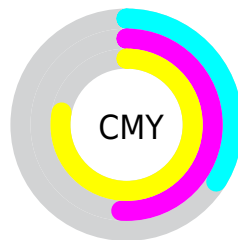
- Red (66%)
- Green (49%)
- Blue (22%)



- Red (50%)
- Yellow (66%)
- Blue (22%)



- Cyan (0%)
- Magenta (26%)
- Yellow (67%)
- Black (34%)



- Cyan (34%)
- Magenta (51%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4096, 23.3878, 6.9691 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 24.4096, 23.3878, 6.9691 by changing the saturation by 10% instead.

■ 24.4096, 23.3878,
6.9691

■ 24.4096, 23.3878,
6.9691

267.2870,
269.7106, 177.0279

■ 15.7641, 14.8801,
3.3646

■ 50.1476, 49.0293,
20.4228

■ 9.4472, 8.7353,
1.2837

■ 67.9709, 66.9319,
31.1092

■ 5.0934, 4.5689,
0.0484

■ 89.5841, 88.7350,
44.9932

■ 2.3375, 1.9966,
0.0000

■ 115.3526,
114.8229, 62.4935

■ 0.8138, 0.6055,
0.0000

■ 145.6418,
145.5800, 84.0286

■ 0.0000, 0.0000,
0.0000

■ 180.8170,

181.3907, 110.0170

221.2436,
222.6395, 140.8772

■ 24.4096, 23.3878,
6.9691

■ 24.4096, 23.3878,
6.9691

■ 23.2586, 21.6393,
4.8792

■ 25.7565, 25.3048,
9.8130

■ 22.2859, 20.0479,
3.4643

■ 27.3112, 27.3940,
13.4767

■ 21.4698, 18.6039,
2.6116

■ 29.0866, 29.6630,
18.0202

■ 21.2323, 18.1755,
2.3892

■ 31.0938, 32.1178,
23.4974

■ 33.3432, 34.7642,
29.9580

■ 35.8444, 37.6074,
37.4480

■ 38.6064, 40.6526,
46.0105

■ 41.6377, 43.9045,
55.6862

■ 44.9466, 47.3678,
66.5137

Harmonies

Analogous

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



29.3929, 23.3878, 10.1459



24.4096, 23.3878, 6.9691



19.5007, 23.3878, 7.2099

Triad

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



24.4096, 23.3878, 6.9691



14.2706, 23.3878, 34.5261



30.0469, 23.3878, 49.0198

Complementary

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



24.4096, 23.3878, 6.9691



13.3492, 12.8190, 39.3066

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.



25.2015, 23.3878, 61.7343



24.4096, 23.3878, 6.9691



16.3360, 23.3878, 51.4470

Square

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



24.4096, 23.3878, 6.9691



14.1243, 23.3878, 19.8816



20.1830, 23.3878, 62.7594



32.9600, 23.3878, 32.0074

Rectangle

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



24.4096, 23.3878, 6.9691



16.9113, 23.3878, 9.2643



20.1830, 23.3878, 62.7594



28.5597, 23.3878, 54.1754

Sweetspot

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



24.4101, 23.3890, 6.9696



58.2579, 60.5652, 49.4041



20.1351, 12.2070, 13.6585



12.4614, 12.9227, 10.0889



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.4101, 23.3890, 6.9696



40.8214, 37.4188, 7.4401



28.9432, 35.8999, 9.1455



7.8980, 8.2760, 7.9704



15.8776, 13.6524, 1.7983



0.4338, 0.4271, 0.0596

Inverse Universe

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



13.3492, 12.8190, 39.3066



19.6709, 17.2876, 69.5252



10.9111, 6.8970, 38.2920



7.3624, 7.7617, 9.5285



6.8295, 5.1192, 28.6036



0.2161, 0.2244, 0.7126

Previews

White Background



This preview shows how the XYZ color 24.4096, 23.3878, 6.9691 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 24.4096, 23.3878, 6.9691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

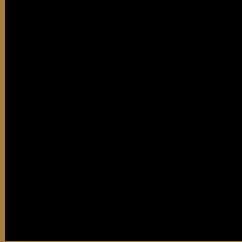
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.4096, 23.3878, 6.9691

Background



This preview shows how black text looks on a background with the XYZ color 24.4096, 23.3878, 6.9691.



This preview shows how white text looks on a background with the XYZ color 24.4096, 23.3878,

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

24.4096, 23.3878, 6.9691

Protanopia

21.3640, 23.3764, 7.3891

Deuteranopia

23.8202, 23.4636, 7.0148



Tritanopia

27.6999, 23.4619, 22.8073

Trichromacy



Original Color

24.4096, 23.3878, 6.9691

Protanomaly

22.4315, 23.3286, 7.1915

Deuteranomaly

23.9005, 23.3142, 6.9818

Tritanomaly

26.1996, 23.3850, 15.4448

Monochromacy



Original Color

24.4096, 23.3878, 6.9691

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.6690, 22.3469, 16.0033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4096, 23.3878, 6.9691 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(169, 125, 56)` looks like.

```
.text, #text, p{  
    color:rgb(169, 125, 56)  
}
```

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(169, 125, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 125, 56) }
```

Border

The CSS property to change the border of an element to XYZ 24.4096, 23.3878, 6.9691 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(169, 125, 56) }
```


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

```
.border{ border-color:rgb(169, 125, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 125, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 125, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 125, 56);  
box-shadow:4px 4px 4px 4px rgb(169, 125,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4096, 23.3878, 6.9691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 125, 56) }
```

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

```
.background{ background-color: rgb(169,  
125, 56) }
```

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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