

Converting Colors

XYZ(23.7823, 26.2475, 6.5622)

Have a look what the booklet for
XYZ(23.7823, 26.2475, 6.5622)
contains.

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Color

**XYZ(23.7687, 26.3311,
6.6260)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8D30
RGB	156, 141, 48
RGB Percent	61%, 55%, 19%
CMY	0.3882, 0.4470, 0.8118
CMYK	0.00, 0.10, 0.69, 0.39
HSL	52°, 53%, 40%
HSV	52°, 69%, 61%
XYZ	23.7687, 26.3311, 6.6260
YIQ	134.8830, 38.7930, -25.7430

Conversions

Conversions Part 2

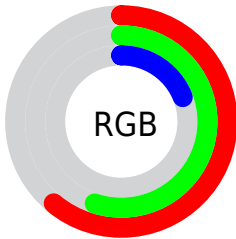
Format	Color
R _Y B	65, 156, 48
Decimal	10259760
CIE Lab	58.35, -5.46, 49.52
CIE LCh	58, 49.823, 96.295
Yxy	26.3311, 0.4190, 0.4642
Android (android.graphics.Color)	4288449840 (0xFF9C8D30)
YUV	134.8830, -42.8333, 18.5196
Hunter-Lab	51.3138, -7.1176, 28.2637

Details

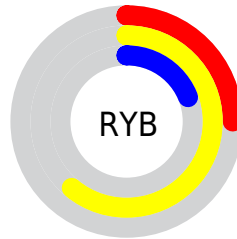
The XYZ color **23.7687, 26.3311, 6.6260** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **8.9972, 6.5836, 32.2489**, and the grayscale version is **23.1301, 24.3347, 26.5005**.

A 20% lighter version of the original color is **48.9845, 53.6306, 19.5744**, and **9.1079, 10.2489, 1.4982** is the 20% darker color. If you saturate the color by 10%, you get **23.1857, 25.5928, 5.1133**, and if you desaturate by 10%, it is **24.4724, 27.1297, 8.7382**.

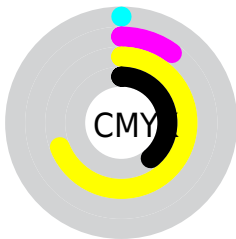
Distribution



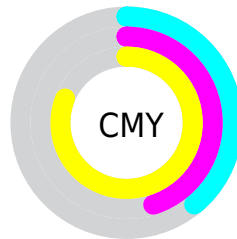
- Red (61%)
- Green (55%)
- Blue (19%)



- Red (25%)
- Yellow (61%)
- Blue (19%)



- Cyan (0%)
- Magenta (10%)
- Yellow (69%)
- Black (39%)





- Cyan (39%)
- Magenta (45%)
- Yellow (81%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.7687, 26.3311, 6.6260 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 23.7687, 26.3311, 6.6260 by changing the saturation by 10% instead.


 23.7687, 26.3311,
6.6260


 23.7687, 26.3311,
6.6260


264.1112,
284.4037, 174.0301


 15.2859, 17.0715,
3.1544


 49.1099, 53.8086,
19.7167


 9.1079, 10.2855,
1.1740


 66.6991, 72.7953,
30.1729

 4.8693, 5.5887,
0.0000

 88.0544, 95.7932,
43.7943

 2.2048, 2.5966,
0.0000

 113.5413,
123.1866, 60.9997

 0.7452, 0.9250,
0.0000

 143.5251,
155.3600, 82.2074

 0.0000, 0.0000,
0.0000

 178.3711,

192.6977, 107.8360

218.4447,
235.5841, 138.3041

■ 23.7687, 26.3311,
6.6260

■ 23.7687, 26.3311,
6.6260

■ 23.1857, 25.5928,
5.1133

■ 24.4724, 27.1297,
8.7382

■ 22.7090, 24.9060,
4.1327

■ 25.3058, 27.9891,
11.5047

■ 22.3121, 24.2610,
3.5414

■ 26.2789, 28.9146,
14.9756

■ 22.2823, 24.2120,
3.4990

■ 27.4002, 29.9095,
19.1961

■ 28.6777, 30.9771,
24.2074

■ 30.1186, 32.1204,
30.0476

■ 31.7298, 33.3420,
36.7525

■ 33.5177, 34.6448,
44.3558

■ 35.4883, 36.0310,
52.8892

Harmonies

Analogous

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



30.0190, 26.3311, 7.6620



23.7687, 26.3311, 6.6260



18.7338, 26.3311, 9.2857

Triad

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



23.7687, 26.3311, 6.6260



16.7487, 26.3311, 53.3602



37.3082, 26.3311, 44.3187

Complementary

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



23.7687, 26.3311, 6.6260



8.9972, 6.5836, 32.2489

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.



32.5918, 26.3311, 64.9347



23.7687, 26.3311, 6.6260



20.6215, 26.3311, 71.4639

Square

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



23.7687, 26.3311, 6.6260



15.1253, 26.3311, 32.4941



26.3288, 26.3311, 76.3873



38.5143, 26.3311, 25.1585

Rectangle

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



23.7687, 26.3311, 6.6260



16.5182, 26.3311, 13.8330



26.3288, 26.3311, 76.3873



36.0474, 26.3311, 51.5089

Sweetspot

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



23.7693, 26.3323, 6.6265



51.5549, 55.8280, 41.8509



15.6985, 9.5545, 5.8976



11.2122, 12.1751, 8.6881



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.



23.7693, 26.3323, 6.6265



41.6208, 45.7976, 8.2115



19.9205, 27.8559, 7.1235



7.0916, 7.5632, 7.0717



18.3726, 19.9809, 2.8884



0.3481, 0.3965, 0.0582

Inverse Universe

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



8.9972, 6.5836, 32.2489



13.1041, 7.7567, 57.9333



10.8773, 6.4835, 32.1304



6.3554, 6.5765, 8.3411



5.1899, 2.4714, 26.1107



0.1114, 0.0815, 0.4731

Previews

White Background



This preview shows how the XYZ color 23.7687, 26.3311, 6.6260 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 23.7687, 26.3311, 6.6260 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 23.7687, 26.3311, 6.6260

Background



This preview shows how black text looks on a background with the XYZ color 23.7687, 26.3311, 6.6260.



This preview shows how white text looks on a background with the XYZ color 23.7687, 26.3311,

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

23.7687, 26.3311, 6.6260

Protanopia

23.9630, 26.4313, 6.6351

Deuteranopia

26.6643, 26.1280, 6.7698



Tritanopia

28.4436, 26.3480, 29.1777

Trichromacy



Original Color

23.7687, 26.3311, 6.6260

Protanomaly

23.9630, 26.4313, 6.6351

Deuteranomaly

25.5283, 26.1634, 6.7222

Tritanomaly

26.0687, 25.9877, 17.8295

Monochromacy



Original Color

23.7687, 26.3311, 6.6260

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.7215, 24.7102, 16.4040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7687, 26.3311, 6.6260 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, 141, 48)` looks like.

```
.text, #text, p{  
    color:rgb(156, 141, 48)  
}
```

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, 141, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 141, 48) }
```

Border

The CSS property to change the border of an element to XYZ 23.7687, 26.3311, 6.6260 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, 141, 48) }
```


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

```
.border{ border-color:rgb(156, 141, 48) }
```

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

Here you see how a box with a 4 pixel rgb(156, 141, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 141, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 141, 48);  
box-shadow:4px 4px 4px 4px rgb(156, 141,  
48) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7687, 26.3311, 6.6260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 141, 48) }
```

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

```
.background{ background-color: rgb(156,  
141, 48) }
```

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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