

Converting Colors

XYZ(23.9093, 26.9530, 5.2579)

Have a look what the booklet for
XYZ(23.9093, 26.9530, 5.2579)
contains.

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Color

**XYZ(23.7801, 26.8118,
5.2182)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8F1F
RGB	156, 143, 31
RGB Percent	61%, 56%, 12%
CMY	0.3882, 0.4392, 0.8784
CMYK	0.00, 0.08, 0.80, 0.39
HSL	54°, 67%, 37%
HSV	54°, 80%, 61%
XYZ	23.7801, 26.8118, 5.2182
YIQ	134.1190, 43.7000, -32.0760

Conversions

Conversions Part 2

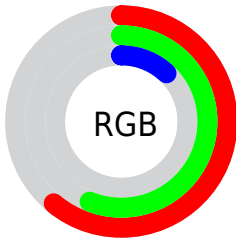
Format	Color
R _Y B	46, 156, 31
Decimal	10260255
CIE Lab	58.80, -7.35, 56.32
CIE LCh	59, 56.796, 97.437
Yxy	26.8118, 0.4261, 0.4804
Android (android.graphics.Color)	4288450335 (0xFF9C8F1F)
YUV	134.1190, -50.8377, 19.1896
Hunter-Lab	51.7801, -8.6388, 30.2711

Details

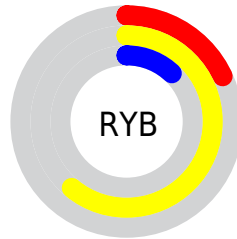
The XYZ color **23.7801, 26.8118, 5.2182** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **7.4666, 4.4930, 31.9260**, and the grayscale version is **22.8745, 24.0657, 26.2076**.

A 20% lighter version of the original color is **49.1512, 54.4479, 16.7230**, and **9.2812, 10.5954, 1.5559** is the 20% darker color. If you saturate the color by 10%, you get **23.3807, 26.2663, 4.3048**, and if you desaturate by 10%, it is **24.2837, 27.4067, 6.6579**.

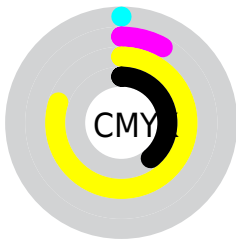
Distribution



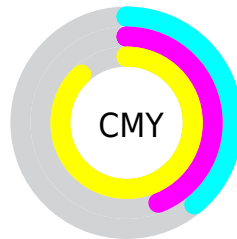
- Red (61%)
- Green (56%)
- Blue (12%)



- Red (18%)
- Yellow (61%)
- Blue (12%)



- Cyan (0%)
- Magenta (8%)
- Yellow (80%)
- Black (39%)



- Cyan (39%)
- Magenta (44%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.7801, 26.8118, 5.2182 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 23.7801, 26.8118, 5.2182 by changing the saturation by 10% instead.

■ 23.7801, 26.8118,
5.2182

■ 23.7801, 26.8118,
5.2182

264.1680,
286.7447, 160.9317

■ 15.2944, 17.4319,
2.3149

■ 49.1284, 54.5817,
16.7340

■ 9.1139, 10.5429,
0.7395

■ 66.7218, 73.7406,
26.1835

■ 4.8733, 5.7604,
0.0000

■ 88.0817, 96.9278,
38.6522

■ 2.2071, 2.6999,
0.0000

■ 113.5736,
124.5280, 54.5585

■ 0.7465, 0.9772,
0.0000

■ 143.5629,
156.9253, 74.3211

■ 0.0000, 0.0000,
0.0000

■ 178.4148,

194.5043, 98.3585

218.4947,
237.6493, 127.0891

■ 23.7801, 26.8118,
5.2182

■ 23.7801, 26.8118,
5.2182

■ 23.3807, 26.2663,
4.3048

■ 24.2837, 27.4067,
6.6579

■ 23.0563, 25.7601,
3.7570

■ 24.9025, 28.0523,
8.6891

■ 25.6479, 28.7542,
11.3694

■ 26.5294, 29.5162,
14.7492

■ 27.5557, 30.3419,
18.8736

■ 28.7347, 31.2344,
23.7843

■ 30.0736, 32.1967,
29.5197

■ 31.5794, 33.2315,
36.1158

■ 33.2584, 34.3414,
43.6063

Harmonies

Analogous

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



31.0085, 26.8118, 6.0973



23.7801, 26.8118, 5.2182



18.1424, 26.8118, 8.0289

Triad

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



23.7801, 26.8118, 5.2182



16.2162, 26.8118, 59.4768



40.0534, 26.8118, 46.6347

Complementary

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



23.7801, 26.8118, 5.2182



7.4666, 4.4930, 31.9260

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.



34.5786, 26.8118, 71.7769



23.7801, 26.8118, 5.2182



20.6577, 26.8118, 81.2606

Square

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



23.7801, 26.8118, 5.2182



14.3264, 26.8118, 34.4757



27.2670, 26.8118, 86.5722



41.3067, 26.8118, 24.4804

Rectangle

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



23.7801, 26.8118, 5.2182



15.7351, 26.8118, 12.9658



27.2670, 26.8118, 86.5722



38.6029, 26.8118, 55.2627

Sweetspot

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



23.7807, 26.8131, 5.2187



51.2243, 56.0107, 39.1393



14.6854, 8.2421, 3.3593



11.1177, 12.2076, 7.9733



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.



23.7807, 26.8131, 5.2187



42.0122, 46.9866, 7.0894



18.3304, 27.0692, 5.5554



7.1112, 7.6025, 7.0783



19.0062, 21.2481, 3.0996



0.3551, 0.4104, 0.0605

Inverse Universe

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



7.4666, 4.4930, 31.9260



11.4289, 5.2677, 57.5411



9.7086, 5.0393, 31.9132



6.3375, 6.5408, 8.3352



5.1114, 2.3144, 26.0846



0.1056, 0.0699, 0.4711

Previews

White Background



This preview shows how the XYZ color 23.7801, 26.8118, 5.2182 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 23.7801, 26.8118, 5.2182 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 23.7801, 26.8118, 5.2182

Background



This preview shows how black text looks on a background with the XYZ color 23.7801, 26.8118, 5.2182.



This preview shows how white text looks on a background with the XYZ color 23.7801, 26.8118,

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

23.7801, 26.8118, 5.2182

Protanopia

24.2184, 26.8159, 5.1959

Deuteranopia

27.2036, 26.6425, 5.3778



Tritanopia

28.7314, 26.6812, 30.0212

Trichromacy



Original Color

23.7801, 26.8118, 5.2182

Protanomaly

24.0209, 26.7140, 5.1866

Deuteranomaly

25.8120, 26.5529, 5.2782

Tritanomaly

26.0918, 26.4477, 16.5617

Monochromacy



Original Color

23.7801, 26.8118, 5.2182

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.2587, 24.5052, 14.8661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.7801, 26.8118, 5.2182 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, 143, 31)` looks like.

```
.text, #text, p{  
    color:rgb(156, 143, 31)  
}
```

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, 143, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 143, 31) }
```

Border

The CSS property to change the border of an element to XYZ 23.7801, 26.8118, 5.2182 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, 143, 31) }
```


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

```
.border{ border-color:rgb(156, 143, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 143, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 143, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 143, 31);  
box-shadow:4px 4px 4px 4px rgb(156, 143,  
31) }
```

Background

The CSS property to change the background color of an element to XYZ 23.7801, 26.8118, 5.2182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 143, 31) }
```

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

```
.background{ background-color: rgb(156,  
143, 31) }
```

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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