

Converting Colors

XYZ(23.4752, 26.8867, 4.8721)

Have a look what the booklet for
XYZ(23.4752, 26.8867, 4.8721)
contains.

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Color

**XYZ(23.4752, 26.8867,
4.8721)**

Conversions

Conversions Part 1

Format	Color
Hex	9A9019
RGB	154, 144, 25
RGB Percent	60%, 56%, 10%
CMY	0.3961, 0.4353, 0.9019
CMYK	0.00, 0.06, 0.84, 0.40
HSL	55°, 72%, 35%
HSV	55°, 84%, 60%
XYZ	23.4752, 26.8867, 4.8721
YIQ	133.4240, 44.1590, -34.8890

Conversions

Conversions Part 2

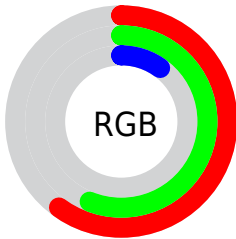
Format	Color
R_YB	36, 154, 25
Decimal	10129433
CIE _{Lab}	58.87, -9.00, 58.08
CIE _{LCh}	59, 58.775, 98.812
Yxy	26.8867, 0.4250, 0.4868
Android (android.graphics.Color)	4288319513 (0xFF9A9019)
YUV	133.4240, -53.4530, 18.0452
Hunter-Lab	51.8524, -9.9291, 30.7257

Details

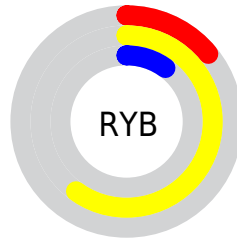
The XYZ color **23.4752, 26.8867, 4.8721** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6.8349, 3.7420, 30.9338**, and the grayscale version is **22.6278, 23.8062, 25.9249**.

A 20% lighter version of the original color is **48.8685, 54.9944, 16.0220**, and **9.1483, 10.6581, 1.5750** is the 20% darker color. If you saturate the color by 10%, you get **23.1731, 26.4792, 4.1655**, and if you desaturate by 10%, it is **23.8719, 27.3372, 6.0623**.

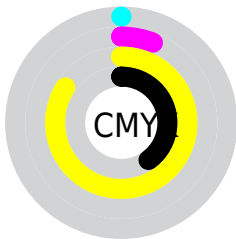
Distribution



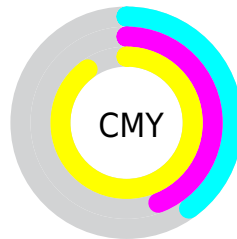
- Red (60%)
- Green (56%)
- Blue (10%)



- Red (14%)
- Yellow (60%)
- Blue (10%)



- Cyan (0%)
- Magenta (6%)
- Yellow (84%)
- Black (40%)



- Cyan (40%)
- Magenta (44%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4752, 26.8867, 4.8721 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 23.4752, 26.8867, 4.8721 by changing the saturation by 10% instead.

■ 23.4752, 26.8867,
4.8721

■ 23.4752, 26.8867,
4.8721

262.6464,
287.1081, 157.4749

■ 15.0674, 17.4881,
2.1150

■ 48.6334, 54.7020,
15.9758

■ 8.9533, 10.5831,
0.6247

■ 66.1145, 73.8875,
25.1595

■ 4.7676, 5.7873,
0.0000

■ 87.3507, 97.1042,
37.3224

■ 2.1449, 2.7162,
0.0000

■ 112.7074,
124.7364, 52.8831

■ 0.7135, 0.9854,
0.0000

■ 142.5500,
157.1685, 72.2602

■ 0.0000, 0.0000,
0.0000

■ 177.2438,

194.7849, 95.8721

217.1541,
237.9699, 124.1375

■ 23.4752, 26.8867,
4.8721

■ 23.4752, 26.8867,
4.8721

■ 23.1731, 26.4792,
4.1655

■ 23.8719, 27.3372,
6.0623

■ 23.0093, 26.2358,
3.8513

■ 24.3747, 27.8321,
7.8040

■ 24.9952, 28.3772,
10.1559

■ 25.7429, 28.9763,
13.1689

■ 26.6267, 29.6328,
16.8883

■ 27.6543, 30.3501,
21.3557

■ 28.8330, 31.1308,
26.6093

■ 30.1696, 31.9779,
32.6848

■ 31.6705, 32.8938,
39.6157

Harmonies

Analogous

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



30.9411, 26.8867, 5.5789



23.4752, 26.8867, 4.8721



17.7646, 26.8867, 7.8633

Triad

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



23.4752, 26.8867, 4.8721



16.1460, 26.8867, 62.1712



40.9098, 26.8867, 46.2373

Complementary

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



23.4752, 26.8867, 4.8721



6.8349, 3.7420, 30.9338

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.



35.3434, 26.8867, 72.7969



23.4752, 26.8867, 4.8721



20.8333, 26.8867, 84.6291

Square

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



23.4752, 26.8867, 4.8721



14.0913, 26.8867, 35.8380



27.7542, 26.8867, 89.2385



41.9853, 26.8867, 23.5667

Rectangle

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



23.4752, 26.8867, 4.8721



15.3746, 26.8867, 13.0659



27.7542, 26.8867, 89.2385



39.4575, 26.8867, 55.2497

Sweetspot

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



23.4758, 26.8880, 4.8726



49.8924, 54.8987, 37.2823



13.9889, 7.6914, 2.3969



11.1513, 12.3282, 7.8206



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.



23.4758, 26.8880, 4.8726



41.7337, 47.5302, 6.9746



17.0146, 25.9051, 5.0235



6.6680, 7.1410, 6.6327



18.7581, 21.3985, 3.1417



0.2909, 0.3409, 0.0505

Inverse Universe

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



6.8349, 3.7420, 30.9338



10.7752, 4.5974, 55.8558



9.3845, 4.6803, 30.9806



5.9210, 6.0994, 7.7942



4.8702, 2.1372, 25.0635



0.0818, 0.0499, 0.3777

Previews

White Background



This preview shows how the XYZ color 23.4752, 26.8867, 4.8721 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 23.4752, 26.8867, 4.8721 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 23.4752, 26.8867, 4.8721

Background



This preview shows how black text looks on a background with the XYZ color 23.4752, 26.8867, 4.8721.



This preview shows how white text looks on a background with the XYZ color 23.4752, 26.8867,

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

23.4752, 26.8867, 4.8721

Protanopia

24.3351, 26.8855, 4.7710

Deuteranopia

27.1325, 26.6141, 5.0033



Tritanopia

28.6634, 26.8503, 30.0575

Trichromacy



Original Color

23.4752, 26.8867, 4.8721

Protanomaly

24.0879, 26.9800, 4.8022

Deuteranomaly

25.6724, 26.7007, 4.9631

Tritanomaly

25.9346, 26.5901, 16.0774

Monochromacy



Original Color

23.4752, 26.8867, 4.8721

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.9505, 24.3622, 14.1351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4752, 26.8867, 4.8721 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(154, 144, 25)` looks like.

```
.text, #text, p{  
    color:rgb(154, 144, 25)  
}
```

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(154, 144, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 144, 25) }
```

Border

The CSS property to change the border of an element to XYZ 23.4752, 26.8867, 4.8721 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(154, 144, 25) }
```


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

```
.border{ border-color:rgb(154, 144, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 144, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 144, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 144, 25);  
box-shadow:4px 4px 4px 4px rgb(154, 144,  
25) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4752, 26.8867, 4.8721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 144, 25) }
```

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

```
.background{ background-color: rgb(154,  
144, 25) }
```

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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