

Converting Colors

XYZ(24.2467, 27.5652, 5.9277)

Have a look what the booklet for
XYZ(24.2467, 27.5652, 5.9277)
contains.

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Color

**XYZ(24.2019, 27.4652,
5.9452)**

Conversions

Conversions Part 1

Format	Color
Hex	9C9127
RGB	156, 145, 39
RGB Percent	61%, 57%, 15%
CMY	0.3882, 0.4314, 0.8470
CMYK	0.00, 0.07, 0.75, 0.39
HSL	54°, 60%, 38%
HSV	54°, 75%, 61%
XYZ	24.2019, 27.4652, 5.9452
YIQ	136.2050, 40.5820, -30.6340

Conversions

Conversions Part 2

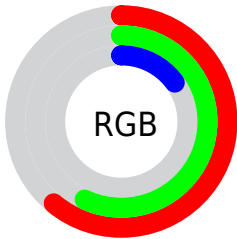
Format	Color
R_{YB}	51, 156, 39
Decimal	10260775
CIE Lab	59.40, -8.10, 54.13
CIE LCh	59, 54.732, 98.508
Yxy	27.4652, 0.4201, 0.4767
Android (android.graphics.Color)	4288450855 (0xFF9C9127)
YUV	136.2050, -47.9221, 17.3602
Hunter-Lab	52.4073, -9.2806, 29.9591

Details

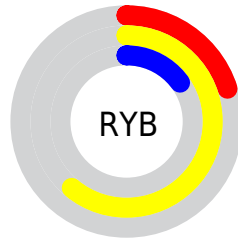
The XYZ color **24.2019, 27.4652, 5.9452** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **7.9781, 5.1128, 32.0186**, and the grayscale version is **23.6428, 24.8741, 27.0879**.

A 20% lighter version of the original color is **49.7958, 55.7657, 18.2646**, and **9.4590, 10.9511, 1.6152** is the 20% darker color. If you saturate the color by 10%, you get **23.7724, 26.9383, 4.7787**, and if you desaturate by 10%, it is **24.7419, 28.0430, 7.6737**.

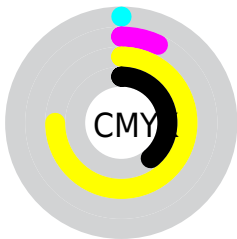
Distribution



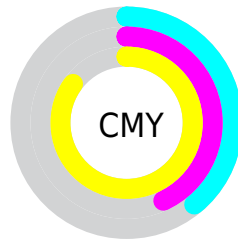
- Red (61%)
- Green (57%)
- Blue (15%)



- Red (20%)
- Yellow (61%)
- Blue (15%)



- Cyan (0%)
- Magenta (7%)
- Yellow (75%)
- Black (39%)



- Cyan (39%)
- Magenta (43%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2019, 27.4652, 5.9452 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 24.2019, 27.4652, 5.9452 by changing the saturation by 10% instead.

■ 24.2019, 27.4652,
5.9452

■ 24.2019, 27.4652,
5.9452

266.2612,
289.9025, 167.8702

■ 15.6090, 17.9229,
2.7435

■ 49.8118, 55.6295,
18.2927

■ 9.3370, 10.8947,
0.9652

■ 67.5594, 75.0202,
28.2757

■ 5.0205, 5.9960,
0.0000

■ 89.0894, 98.4626,
41.3562

■ 2.2942, 2.8427,
0.0000

■ 114.7670,
126.3410, 57.9527

■ 0.7917, 1.0502,
0.0000

■ 144.9577,
159.0398, 78.4838

■ 0.0000, 0.0000,
0.0000

■ 180.0267,

196.9434, 103.3681

220.3394,
240.4362, 133.0240

■ 24.2019, 27.4652,
5.9452

■ 24.2019, 27.4652,
5.9452

■ 23.7724, 26.9383,
4.7787

■ 24.7419, 28.0430,
7.6737

■ 23.4367, 26.4525,
4.0947

■ 25.4021, 28.6725,
10.0237

■ 23.2851, 26.2177,
3.8333

■ 26.1933, 29.3591,
13.0490

■ 27.1245, 30.1063,
16.7974

■ 28.2039, 30.9176,
21.3119

■ 29.4392, 31.7959,
26.6326

■ 30.8374, 32.7440,
32.7965

■ 32.4051, 33.7648,
39.8383

■ 34.1486, 34.8605,
47.7910

Harmonies

Analogous

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



31.2408, 27.4652, 6.7304



24.2019, 27.4652, 5.9452



18.7245, 27.4652, 9.0169

Triad

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



24.2019, 27.4652, 5.9452



17.0851, 27.4652, 60.1241



40.3992, 27.4652, 45.9868

Complementary

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



24.2019, 27.4652, 5.9452



7.9781, 5.1128, 32.0186

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.



35.2071, 27.4652, 70.2666



24.2019, 27.4652, 5.9452



21.5651, 27.4652, 80.6128

Square

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



24.2019, 27.4652, 5.9452



15.1135, 27.4652, 35.8482



28.1050, 27.4652, 84.9706



41.4407, 27.4652, 24.6578

Rectangle

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



24.2019, 27.4652, 5.9452



16.3967, 27.4652, 14.1958



28.1050, 27.4652, 84.9706



39.0427, 27.4652, 54.2922

Sweetspot

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



24.2025, 27.4665, 5.9458



51.7741, 56.5525, 41.0424



15.0269, 8.7556, 3.9958



11.2761, 12.3596, 8.5344



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.



24.2025, 27.4665, 5.9458



42.7481, 48.3221, 7.7547



18.5861, 27.1872, 6.1879



7.1169, 7.6137, 7.0802



19.1935, 21.6226, 3.1620



0.3571, 0.4145, 0.0612

Inverse Universe

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



7.9781, 5.1128, 32.0186



11.8779, 5.8768, 57.6350



10.5459, 5.8206, 32.0199



6.3324, 6.5306, 8.3335



5.0921, 2.2758, 26.0781



0.1040, 0.0666, 0.4706

Previews

White Background



This preview shows how the XYZ color 24.2019, 27.4652, 5.9452 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 24.2019, 27.4652, 5.9452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

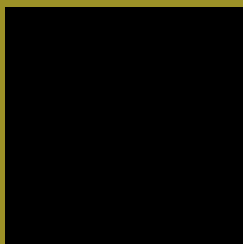
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2019, 27.4652, 5.9452

Background



This preview shows how black text looks on a background with the XYZ color 24.2019, 27.4652, 5.9452.



This preview shows how white text looks on a background with the XYZ color 24.2019, 27.4652,

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

24.2019, 27.4652, 5.9452

Protanopia

24.8866, 27.3685, 5.8904

Deuteranopia

27.8306, 27.3664, 6.1009



Tritanopia

29.1621, 27.2958, 30.9257

Trichromacy



Original Color

24.2019, 27.4652, 5.9452

Protanomaly

24.6375, 27.4639, 5.9220

Deuteranomaly

26.4451, 27.2903, 6.0642

Tritanomaly

26.5844, 27.1038, 17.7403

Monochromacy



Original Color

24.2019, 27.4652, 5.9452

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.9093, 25.2445, 15.9771

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2019, 27.4652, 5.9452 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, 145, 39)` looks like.

```
.text, #text, p{  
    color:rgb(156, 145, 39)  
}
```

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, 145, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 145, 39) }
```

Border

The CSS property to change the border of an element to XYZ 24.2019, 27.4652, 5.9452 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, 145, 39) }
```


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

```
.border{ border-color:rgb(156, 145, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 145, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 145, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 145, 39);  
box-shadow:4px 4px 4px 4px rgb(156, 145,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2019, 27.4652, 5.9452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 145, 39) }
```

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

```
.background{ background-color: rgb(156,  
145, 39) }
```

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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