

# Converting Colors

XYZ(25.9095, 34.7650, 23.1538)

Have a look what the booklet for  
XYZ(25.9095, 34.7650, 23.1538)  
contains.

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# Color

**XYZ(26.0278, 34.9261,  
23.1389)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79AC78
RGB	121, 172, 120
RGB Percent	47%, 67%, 47%
CMY	0.5255, 0.3255, 0.5294
CMYK	0.30, 0.00, 0.30, 0.33
HSL	119°, 24%, 57%
HSV	119°, 30%, 67%
XYZ	26.0278, 34.9261, 23.1389
YIQ	150.8230, -13.7040, -26.9840

# Conversions

## Conversions Part 2

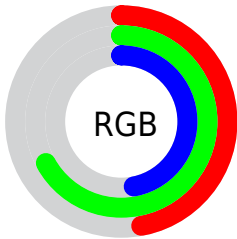
<b>Format</b>	<b>Color</b>
<b>RYB</b>	120, 172, 171
Decimal	7974008
CIELab	65.69, -27.43, 21.50
CIELCh	66, 34.847, 141.911
Yxy	34.9261, 0.3095, 0.4153
Android (android.graphics.Color)	4286164088 (0xFF79AC78)
YUV	150.8230, -15.1957, -26.1548
Hunter-Lab	59.0983, -24.8079, 18.1549

# Details

The XYZ color **26.0278, 34.9261, 23.1389** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.9592, 25.0706, 42.2390**, and the grayscale version is **29.4075, 30.9390, 33.6926**.

A 20% lighter version of the original color is **52.9654, 67.6179, 49.7951**, and **10.2599, 14.9507, 8.3062** is the 20% darker color. If you saturate the color by 10%, you get **22.9155, 33.4326, 18.0251**, and if you desaturate by 10%, it is **29.7429, 36.7107, 29.2612**.

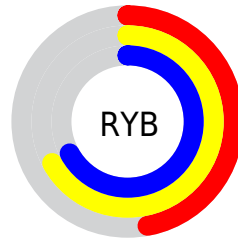
# Distribution



Red (47%)

Green (67%)

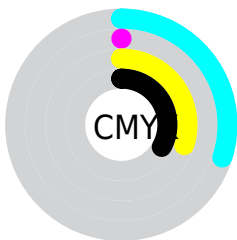
Blue (47%)



Red (47%)

Yellow (67%)

Blue (67%)

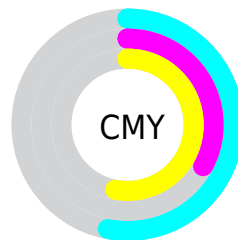


Cyan (30%)

Magenta (0%)

Yellow (30%)

Black (33%)



Cyan (53%)

Magenta (33%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0278, 34.9261, 23.1389 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 26.0278, 34.9261, 23.1389 by changing the saturation by 10% instead.



■ 26.0278, 34.9261,  
23.1389

■ 26.0278, 34.9261,  
23.1389

275.1727,  
324.2420, 281.5826

■ 16.9772, 23.6060,  
14.4898

■ 52.7508, 67.3713,  
49.5474

■ 10.3135, 15.0416,  
8.3195

■ 71.1539, 89.2651,  
68.1439

■ 5.6711, 8.8486,  
4.2094

■ 93.4052, 115.4522,  
90.8933

■ 2.6849, 4.6425,  
1.7409

119.8701,  
146.3171, 118.2141

■ 0.9894, 2.0391,  
0.3885

150.9140,  
182.2442, 150.5249

■ 0.0000, 0.6300,  
0.0000

186.9021,

■ 0.0000, 0.0000,

223.6177, 188.2443

0.0000

228.1999,  
270.8222, 231.7906

■ 26.0278, 34.9261,  
23.1389

■ 26.0278, 34.9261,  
23.1389

■ 22.9155, 33.4326,  
18.0251

■ 29.7429, 36.7107,  
29.2612

■ 20.3717, 32.2108,  
13.8636

■ 34.0874, 38.7959,  
36.4397

■ 18.3629, 31.2454,  
10.5963


■ 39.0894, 41.1965,  
44.7215


■ 16.8509, 30.5183,  
8.1576


■ 44.7749, 43.9246,  
54.1506


■ 15.7924, 30.0089,  
6.4733

■ 51.1680, 46.9920,  
64.7683

 15.1369, 29.6928,  
5.4556

 58.2920, 50.4097,  
76.6140

 14.7946, 29.5278,  
4.9197

 66.1689, 54.1884,  
89.7253

 74.0433, 57.9865,  
101.8978

# Harmonies

## Analogous

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



29.6526, 34.9261, 17.3927



26.0278, 34.9261, 23.1389



24.3635, 34.9261, 34.1937

# Triad

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



26.0278, 34.9261, 23.1389



31.8287, 34.9261, 73.3774



43.2051, 34.9261, 28.4382

# Complementary

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



26.0278, 34.9261, 23.1389



30.9592, 25.0706, 42.2390

# 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.



43.9410, 34.9261, 42.1400



26.0278, 34.9261, 23.1389



37.0115, 34.9261, 70.6860

# Square

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



26.0278, 34.9261, 23.1389



27.4801, 34.9261, 64.8504



41.5730, 34.9261, 58.2331



39.6547, 34.9261, 19.8584



# Rectangle

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



26.0278, 34.9261, 23.1389



24.4565, 34.9261, 44.1568



41.5730, 34.9261, 58.2331



43.8035, 34.9261, 32.4953

# Sweetspot

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



26.0287, 34.9276, 23.1397



62.7512, 70.8172, 67.6168



34.8298, 38.9782, 23.4576



13.3757, 15.2646, 14.2620



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123



# Same Dimension

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



26.0287, 34.9276, 23.1397



43.4746, 61.5634, 35.8235



27.5539, 35.5216, 31.8977



7.9182, 8.9464, 8.5229



11.0145, 21.9752, 3.6611



0.3109, 0.6137, 0.1021



# Inverse Universe

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



30.9592, 25.0706, 42.2390



53.8089, 40.8979, 75.8638



29.0552, 24.3342, 31.0732



8.3216, 8.1401, 10.0853



17.6748, 8.4716, 29.7481



0.4964, 0.2381, 0.8278



# Previews

## White Background



This preview shows how the XYZ color 26.0278, 34.9261, 23.1389 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 26.0278, 34.9261, 23.1389 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 ✓ Pass

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

**XYZ 26.0278, 34.9261, 23.1389**

## **Background**



This preview shows how black text looks on a background with the XYZ color 26.0278, 34.9261, 23.1389.



This preview shows how white text looks on a background with the XYZ color 26.0278, 34.9261,



# 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

26.0278, 34.9261, 23.1389

### Protanopia

32.2300, 34.6691, 20.9127

### Deuteranopia

35.2790, 34.6768, 23.9027



## Tritanopia

30.8511, 34.9499, 47.2395

# Trichromacy



## Original Color

26.0278, 34.9261, 23.1389

## Protanomaly

29.5647, 34.5842, 21.6402

## Deuteranomaly

31.0462, 34.2531, 23.7141

## Tritanomaly

28.8408, 34.9516, 37.1246

# Monochromacy



## Original Color

26.0278, 34.9261, 23.1389

## Achromatopsia

29.4150, 30.9469, 33.7012

## Achromatomaly

27.9470, 32.2652, 29.5658

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 26.0278, 34.9261, 23.1389 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(121, 172, 120)` looks like.

```
.text, #text, p{  
    color:rgb(121, 172, 120)  
}
```

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(121, 172, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 172, 120) }
```

## Border

The CSS property to change the border of an element to XYZ 26.0278, 34.9261, 23.1389 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(121, 172, 120) }
```



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

```
.border{ border-color:rgb(121, 172, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 172, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 172, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 172, 120);  
box-shadow:4px 4px 4px 4px rgb(121, 172,  
120) }
```

# Background

The CSS property to change the background color of an element to XYZ 26.0278, 34.9261, 23.1389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 172, 120) }
```

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

```
.background{ background-color: rgb(121,  
172, 120) }
```

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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