

Converting Colors

XYZ(26.6937, 34.9218, 26.1025)

Have a look what the booklet for
XYZ(26.6937, 34.9218, 26.1025)
contains.

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Color

**XYZ(26.6937, 34.9218,
26.1025)**

Conversions

Conversions Part 1

Format	Color
Hex	7BAB81
RGB	123, 171, 129
RGB Percent	48%, 67%, 51%
CMY	0.5176, 0.3294, 0.4941
CMYK	0.28, 0.00, 0.25, 0.33
HSL	128°, 22%, 58%
HSV	128°, 28%, 67%
XYZ	26.6937, 34.9218, 26.1025
YIQ	151.8600, -15.1260, -23.2380

Conversions

Conversions Part 2

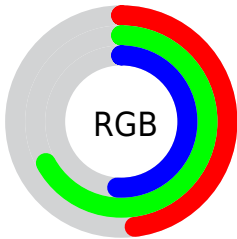
Format	Color
RYB	123, 166, 171
Decimal	8104833
CIELab	65.69, -24.67, 16.60
CIElCh	66, 29.731, 146.063
Yxy	34.9218, 0.3043, 0.3981
Android (android.graphics.Color)	4286294913 (0xFF7BAB81)
YUV	151.8600, -11.2700, -25.3102
Hunter-Lab	59.0947, -22.7853, 15.1775

Details

The XYZ color **26.6937, 34.9218, 26.1025** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.6702, 25.5411, 38.9121**, and the grayscale version is **29.8371, 31.3910, 34.1848**.

A 20% lighter version of the original color is **54.0440, 67.6627, 54.4677**, and **10.5989, 14.9138, 9.9094** is the 20% darker color. If you saturate the color by 10%, you get **23.5351, 33.4011, 21.1378**, and if you desaturate by 10%, it is **30.4272, 36.7240, 31.8559**.

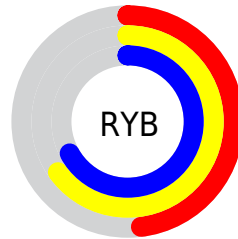
Distribution



Red (48%)

Green (67%)

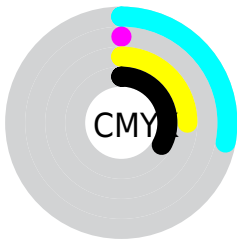
Blue (51%)



Red (48%)

Yellow (65%)

Blue (67%)

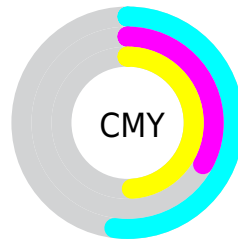


Cyan (28%)

Magenta (0%)

Yellow (25%)

Black (33%)



Cyan (52%)

Magenta (33%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6937, 34.9218, 26.1025 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 26.6937, 34.9218, 26.1025 by changing the saturation by 10% instead.

■ 26.6937, 34.9218,
26.1025

■ 26.6937, 34.9218,
26.1025

278.3657,
324.2230, 296.9064

■ 17.4787, 23.6026,
16.6739

■ 53.8153, 67.3646,
54.4264

■ 10.6738, 15.0391,
9.8428

■ 72.4527, 89.2570,
74.1587

■ 5.9136, 8.8468,
5.1906

■ 94.9615, 115.4427,
98.1627

■ 2.8328, 4.6414,
2.2988

121.7072,
146.3060, 126.8569

■ 1.0660, 2.0384,
0.7306

153.0551,
182.2312, 160.6598

■ 0.0000, 0.6297,
0.0000

189.3706,

■ 0.0000, 0.0000,

223.6029, 199.9900

0.0000

231.0190,
270.8054, 245.2660

■ 26.6937, 34.9218,
26.1025

■ 26.6937, 34.9218,
26.1025

■ 23.5351, 33.4011,
21.1378

■ 30.4272, 36.7240,
31.8559

■ 20.9200, 32.1435,
16.9252

■ 34.7592, 38.8163,
38.4278

■ 18.8184, 31.1353,
13.4287


■ 39.7157, 41.2123,
45.8494


■ 17.1962, 30.3598,
10.6085


■ 45.3200, 43.9235,
54.1494


■ 16.0149, 29.7980,
8.4207


■ 51.5944, 46.9609,
63.3553


 15.2302, 29.4282,
6.8166


 58.5601, 50.3346,
73.4934

 14.7725, 29.2156,
5.7391

 66.2374, 54.0548,
84.5888

 14.7025, 29.1828,
5.5859

 72.8562, 57.2083,
96.5820

 73.8536, 57.6073,
101.8345

Harmonies

Analogous

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



29.6334, 34.9218, 20.2352



26.6937, 34.9218, 26.1025



25.4907, 34.9218, 36.3943

Triad

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



26.6937, 34.9218, 26.1025



32.6181, 34.9218, 67.4613



41.3326, 34.9218, 28.3952

Complementary

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



26.6937, 34.9218, 26.1025



30.6702, 25.5411, 38.9121

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.



42.3067, 34.9218, 39.7015



26.6937, 34.9218, 26.1025



37.0249, 34.9218, 64.0164

Square

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



26.6937, 34.9218, 26.1025



28.7158, 34.9218, 61.7048



40.6679, 34.9218, 53.1140



38.1110, 34.9218, 21.3406

Rectangle

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



26.6937, 34.9218, 26.1025



25.7502, 34.9218, 45.0832



40.6679, 34.9218, 53.1140



41.9452, 34.9218, 31.7429

Sweetspot

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



26.6946, 34.9233, 26.1033



62.1908, 69.4865, 68.7314



33.7399, 38.6000, 24.4113



13.5982, 15.3650, 14.9191



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.



26.6946, 34.9233, 26.1033



43.9986, 60.7078, 40.7849



28.4491, 35.6250, 35.3421



7.9437, 8.9551, 8.7287



11.0942, 22.0030, 4.2698



0.3211, 0.6171, 0.1846

Inverse Universe

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



30.6702, 25.5411, 38.9121



52.3590, 40.9685, 67.7140



28.7161, 24.7595, 28.6219



8.2933, 8.1306, 9.8555



16.8011, 8.1830, 22.3956



0.4792, 0.2324, 0.6852

Previews

White Background



This preview shows how the XYZ color 26.6937, 34.9218, 26.1025 looks on a white background.

Color Contrast Check

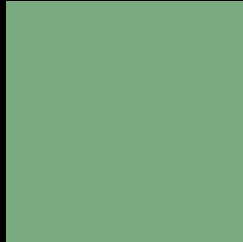
Large Text (above 18pt) WCAG AA × Fail

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 26.6937, 34.9218, 26.1025 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 26.6937, 34.9218, 26.1025

Background



This preview shows how black text looks on a background with the XYZ color 26.6937, 34.9218, 26.1025.



This preview shows how white text looks on a background with the XYZ color 26.6937, 34.9218,

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

26.6937, 34.9218, 26.1025

Protanopia

32.5509, 34.7724, 23.7350

Deuteranopia

35.1533, 34.5432, 27.0050



Tritanopia

31.0067, 35.0302, 47.2467

Trichromacy



Original Color

26.6937, 34.9218, 26.1025

Protanomaly

29.9357, 34.4474, 24.4733

Deuteranomaly

31.4336, 34.3846, 26.8100

Tritanomaly

29.2171, 34.8426, 38.4431

Monochromacy



Original Color

26.6937, 34.9218, 26.1025

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.4167, 32.4726, 31.1557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6937, 34.9218, 26.1025 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(123, 171, 129)` looks like.

```
.text, #text, p{  
    color:rgb(123, 171, 129)  
}
```

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(123, 171, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 171, 129) }
```

Border

The CSS property to change the border of an element to XYZ 26.6937, 34.9218, 26.1025 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(123, 171, 129) }
```


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

```
.border{ border-color:rgb(123, 171, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 171, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 171, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 171, 129);  
box-shadow:4px 4px 4px 4px rgb(123, 171,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6937, 34.9218, 26.1025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 171, 129) }
```

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

```
.background{ background-color: rgb(123,  
171, 129) }
```

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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