

Converting Colors

XYZ(26.1678, 34.4284, 26.7728)

Have a look what the booklet for
XYZ(26.1678, 34.4284, 26.7728)
contains.

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Color

**XYZ(26.0792, 34.3101,
26.7207)**

Conversions

Conversions Part 1

Format	Color
Hex	77AA83
RGB	119, 170, 131
RGB Percent	47%, 67%, 51%
CMY	0.5333, 0.3333, 0.4863
CMYK	0.30, 0.00, 0.23, 0.33
HSL	134°, 23%, 57%
HSV	134°, 30%, 67%
XYZ	26.0792, 34.3101, 26.7207
YIQ	150.3050, -17.8770, -22.9410

Conversions

Conversions Part 2

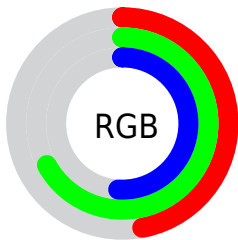
Format	Color
RYB	119, 160, 170
Decimal	7842435
CIELab	65.21, -25.13, 14.80
CIElCh	65, 29.163, 149.508
Yxy	34.3101, 0.2994, 0.3939
Android (android.graphics.Color)	4286032515 (0xFF77AA83)
YUV	150.3050, -9.5174, -27.4545
Hunter-Lab	58.5748, -23.0326, 13.9554

Details

The XYZ color **26.0792, 34.3101, 26.7207** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **29.3471, 24.2091, 35.4752**, and the grayscale version is **29.1644, 30.6832, 33.4140**.

A 20% lighter version of the original color is **52.8613, 66.6241, 55.4210**, and **10.3475, 14.7799, 10.0920** is the 20% darker color. If you saturate the color by 10%, you get **23.1250, 32.8836, 22.2683**, and if you desaturate by 10%, it is **29.5631, 35.9988, 31.7766**.

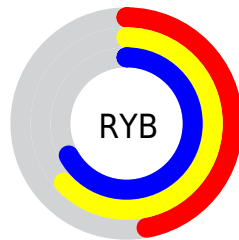
Distribution



Red (47%)

Green (67%)

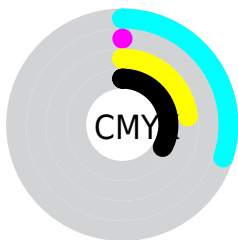
Blue (51%)



Red (47%)

Yellow (63%)

Blue (67%)

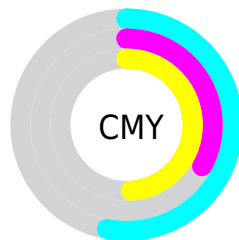


Cyan (30%)

Magenta (0%)

Yellow (23%)

Black (33%)



Cyan (53%)

Magenta (33%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0792, 34.3101, 26.7207 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 26.0792, 34.3101, 26.7207 by changing the saturation by 10% instead.

■ 26.0792, 34.3101,
26.7207

■ 26.0792, 34.3101,
26.7207

275.4202,
321.5126, 300.0195

■ 17.0159, 23.1319,
17.1330

■ 52.8331, 66.4156,
55.4336

■ 10.3412, 14.6910,
10.1664

■ 71.2544, 88.1117,
75.3959

■ 5.6898, 8.6028,
5.4024

■ 93.5257, 114.0826,
99.6535

■ 2.6962, 4.4830,
2.4224

120.0124,
144.7127, 128.6249

■ 0.9952, 1.9473,
0.7986

151.0798,
180.3863, 162.7287

■ 0.0000, 0.5766,
0.0000

187.0934,

■ 0.0000, 0.0000,

221.4879, 202.3833

0.0000

228.4184,
268.4019, 248.0074

■ 26.0792, 34.3101,
26.7207

■ 26.0792, 34.3101,
26.7207

■ 23.1250, 32.8836,
22.2683

■ 29.5631, 35.9988,
31.7766

■ 20.6716, 31.7020,
18.3944

■ 33.5986, 37.9577,
37.4550

■ 18.6911, 30.7525,
15.0760


■ 38.2093, 40.1994,
43.7768


■ 17.1519, 30.0191,
12.2874


■ 43.4170, 42.7349,
50.7616

■ 16.0184, 29.4842,
10.0010


■ 49.2422, 45.5742,
58.4277


 15.2491, 29.1270,
8.1865

 55.7042, 48.7271,
66.7931

 14.7584, 28.9040,
6.8087

 62.8218, 52.2027,
75.8749

 70.6114, 56.0092,
85.6896

 72.5594, 56.7884,
95.9475

Harmonies

Analogous

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



28.7585, 34.3101, 20.5023



26.0792, 34.3101, 26.7207



25.1203, 34.3101, 37.1579

Triad

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



26.0792, 34.3101, 26.7207



32.5408, 34.3101, 65.9002



40.2312, 34.3101, 26.9992

Complementary

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



26.0792, 34.3101, 26.7207



29.3471, 24.2091, 35.4752

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.



41.4593, 34.3101, 37.5586



26.0792, 34.3101, 26.7207



36.7925, 34.3101, 61.5787

Square

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



26.0792, 34.3101, 26.7207



28.6472, 34.3101, 61.2996



40.1508, 34.3101, 50.4988



36.9239, 34.3101, 20.6369

Rectangle

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



26.0792, 34.3101, 26.7207



25.5153, 34.3101, 45.7082



40.1508, 34.3101, 50.4988



40.9129, 34.3101, 30.0920

Sweetspot

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



26.0801, 34.3115, 26.7215



61.6184, 69.1878, 68.8705



31.8260, 37.3623, 22.9873



13.4923, 15.3083, 15.0131



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.



26.0801, 34.3115, 26.7215



43.6473, 60.4776, 42.9875



28.0182, 35.0868, 36.9274



7.5064, 8.4356, 8.3869



10.8746, 21.2686, 5.1067



0.2836, 0.5251, 0.2242

Inverse Universe

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



29.3471, 24.2091, 35.4752



50.5353, 39.1617, 61.4318



27.3814, 23.4228, 25.1242



7.7653, 7.6360, 9.0812



15.1810, 7.4811, 16.2963



0.3873, 0.1892, 0.4908

Previews

White Background



This preview shows how the XYZ color 26.0792, 34.3101, 26.7207 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 26.0792, 34.3101, 26.7207 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 26.0792, 34.3101, 26.7207

Background



This preview shows how black text looks on a background with the XYZ color 26.0792, 34.3101, 26.7207.



This preview shows how white text looks on a background with the XYZ color 26.0792, 34.3101, 26.7207.

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

26.0792, 34.3101, 26.7207

Protanopia

31.9071, 33.9194, 24.2675

Deuteranopia

34.6575, 34.0295, 27.6634



Tritanopia

30.1134, 34.3144, 46.6312

Trichromacy



Original Color

26.0792, 34.3101, 26.7207

Protanomaly

29.3288, 33.8570, 25.0679

Deuteranomaly

30.8018, 33.7866, 27.4523

Tritanomaly

28.4388, 34.1705, 38.3544

Monochromacy



Original Color

26.0792, 34.3101, 26.7207

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.6624, 31.5861, 30.6254

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0792, 34.3101, 26.7207 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(119, 170, 131)` looks like.

```
.text, #text, p{  
    color:rgb(119, 170, 131)  
}
```

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(119, 170, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 170, 131) }
```

Border

The CSS property to change the border of an element to XYZ 26.0792, 34.3101, 26.7207 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(119, 170, 131) }
```


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

```
.border{ border-color:rgb(119, 170, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 170, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 170, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 170, 131);  
box-shadow:4px 4px 4px 4px rgb(119, 170,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0792, 34.3101, 26.7207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 170, 131) }
```

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

```
.background{ background-color: rgb(119,  
170, 131) }
```

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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