

Converting Colors

XYZ(26.7805, 33.0276, 26.4946)

Have a look what the booklet for
XYZ(26.7805, 33.0276, 26.4946)
contains.

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Color

**XYZ(26.7323, 33.0149,
26.4363)**

Conversions

Conversions Part 1

Format	Color
Hex	83A483
RGB	131, 164, 131
RGB Percent	51%, 64%, 51%
CMY	0.4863, 0.3568, 0.4863
CMYK	0.20, 0.00, 0.20, 0.36
HSL	120°, 15%, 58%
HSV	120°, 20%, 64%
XYZ	26.7323, 33.0149, 26.4363
YIQ	150.3710, -9.0750, -17.2590

Conversions

Conversions Part 2

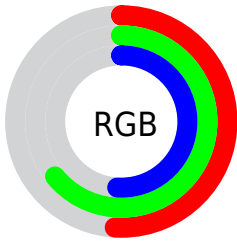
Format	Color
RYB	131, 164, 164
Decimal	8627331
CIELab	64.17, -17.98, 13.46
CIElCh	64, 22.459, 143.181
Yxy	33.0149, 0.3102, 0.3831
Android (android.graphics.Color)	4286817411 (0xFF83A483)
YUV	150.3710, -9.5499, -16.9884
Hunter-Lab	57.4586, -17.5064, 12.9421

Details

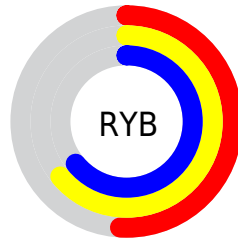
The XYZ color **26.7323, 33.0149, 26.4363** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.1282, 26.8063, 38.7097**, and the grayscale version is **29.1899, 30.7101, 33.4433**.

A 20% lighter version of the original color is **53.7504, 64.3141, 54.9283**, and **10.7105, 13.9469, 10.1102** is the 20% darker color. If you saturate the color by 10%, you get **23.3655, 31.3987, 20.9286**, and if you desaturate by 10%, it is **30.6789, 34.9116, 32.8910**.

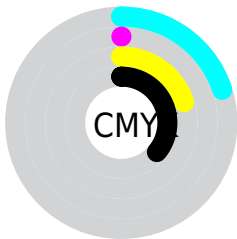
Distribution



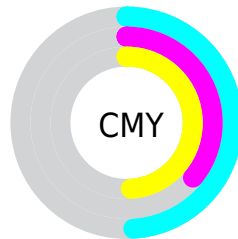
- Red (51%)
- Green (64%)
- Blue (51%)



- Red (51%)
- Yellow (64%)
- Blue (64%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (36%)



- Cyan (49%)
- Magenta (36%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7323, 33.0149, 26.4363 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 26.7323, 33.0149, 26.4363 by changing the saturation by 10% instead.

■ 26.7323, 33.0149,
26.4363

■ 26.7323, 33.0149,
26.4363

278.5499,
315.7169, 298.5907

■ 17.5078, 22.1379,
16.9216

■ 53.8769, 64.3988,
54.9707

■ 10.6948, 13.9582,
10.0173

■ 72.5278, 85.6744,
74.8275

■ 5.9277, 8.0916,
5.3047

■ 95.0515, 111.1851,
98.9687

■ 2.8414, 4.1536,
2.3653

121.8133,
141.3151, 127.8129

■ 1.0705, 1.7599,
0.7674

153.1788,
176.4489, 161.7787

■ 0.0002, 0.4620,
0.0000

189.5131,

■ 0.0000, 0.0000,

216.9708, 201.2846

0.0000

231.1817,
263.2654, 246.7490

■ 26.7323, 33.0149,
26.4363

■ 26.7323, 33.0149,
26.4363

■ 23.3655, 31.3987,
20.9286

■ 30.6789, 34.9116,
32.8910

■ 20.5489, 30.0457,
16.3214

■ 35.2280, 37.0968,
40.3319

■ 18.2538, 28.9432,
12.5675

■ 40.4044, 39.5833,
48.7989

■ 16.4484, 28.0760,
9.6143

■ 46.2307, 42.3819,
58.3287

■ 15.0971, 27.4269,
7.4040

■ 52.7281, 45.5030,
68.9565

■ 14.1595, 26.9765,
5.8703

■ 59.9173, 48.9563,
80.7156

■ 13.5882, 26.7021,
4.9359

■ 67.8177, 52.7513,
93.6381

■ 13.2761, 26.5522,
4.4254

■ 72.5661, 55.0322,
101.4054

Harmonies

Analogous

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



29.0324, 33.0149, 22.1264



26.7323, 33.0149, 26.4363



25.6884, 33.0149, 33.9072

Triad

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



26.7323, 33.0149, 26.4363



30.6589, 33.0149, 56.3032



37.3465, 33.0149, 29.4820

Complementary

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



26.7323, 33.0149, 26.4363



30.1282, 26.8063, 38.7097

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.



37.8550, 33.0149, 38.0683



26.7323, 33.0149, 26.4363



33.8502, 33.0149, 54.5803

Square

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



26.7323, 33.0149, 26.4363



27.8541, 33.0149, 51.8780



36.5367, 33.0149, 47.5038



35.1908, 33.0149, 23.6661

Rectangle

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



26.7323, 33.0149, 26.4363



25.7917, 33.0149, 40.0930



36.5367, 33.0149, 47.5038



37.7215, 33.0149, 32.0983

Sweetspot

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



26.7332, 33.0163, 26.4370



58.8619, 64.8937, 64.8966



32.6835, 36.0838, 26.7154



12.7609, 14.1354, 14.0119



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.7332, 33.0163, 26.4370



45.7512, 58.5959, 43.4516



27.9423, 33.5000, 32.8043



6.9856, 7.8950, 7.5358



10.1790, 20.3579, 3.3930



0.2139, 0.4278, 0.0713

Inverse Universe

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



30.1282, 26.8063, 38.7097



53.0134, 45.3121, 69.7041



28.7330, 26.2482, 31.3629



7.3644, 7.2022, 8.9051



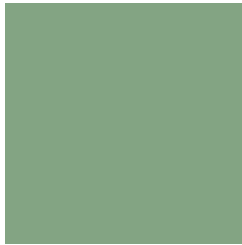
16.8766, 8.1067, 27.6047



0.3546, 0.1703, 0.5800

Previews

White Background



This preview shows how the XYZ color 26.7323, 33.0149, 26.4363 looks on a white background.

Color Contrast Check

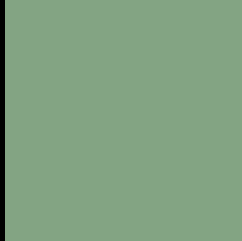
Large Text (above 18pt) WCAG AA × Fail

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 26.7323, 33.0149, 26.4363 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 26.7323, 33.0149, 26.4363

Background



This preview shows how black text looks on a background with the XYZ color 26.7323, 33.0149, 26.4363.



This preview shows how white text looks on a background with the XYZ color 26.7323, 33.0149,

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

26.7323, 33.0149, 26.4363

Protanopia

30.8620, 32.8675, 24.7961

Deuteranopia

33.4106, 32.6811, 27.1014



Tritanopia

30.2301, 33.1398, 43.3314

Trichromacy



Original Color

26.7323, 33.0149, 26.4363

Protanomaly

29.0720, 32.6876, 25.1992

Deuteranomaly

30.4872, 32.3817, 26.8338

Tritanomaly

28.7373, 33.0409, 36.3154

Monochromacy



Original Color

26.7323, 33.0149, 26.4363

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

28.0070, 31.2655, 30.5453

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7323, 33.0149, 26.4363 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(131, 164, 131)` looks like.

```
.text, #text, p{  
    color:rgb(131, 164, 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(131, 164, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 164, 131) }
```

Border

The CSS property to change the border of an element to XYZ 26.7323, 33.0149, 26.4363 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(131, 164, 131) }
```


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

```
.border{ border-color:rgb(131, 164, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 164, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 164, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 164, 131);  
box-shadow:4px 4px 4px 4px rgb(131, 164,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7323, 33.0149, 26.4363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 164, 131) }
```

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

```
.background{ background-color: rgb(131,  
164, 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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