

Converting Colors

XYZ(26.1087, 34.3390, 26.1520)

Have a look what the booklet for
XYZ(26.1087, 34.3390, 26.1520)
contains.

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Color

**XYZ(26.0829, 34.3275,
26.0200)**

Conversions

Conversions Part 1

Format	Color
Hex	78AA81
RGB	120, 170, 129
RGB Percent	47%, 67%, 51%
CMY	0.5294, 0.3333, 0.4941
CMYK	0.29, 0.00, 0.24, 0.33
HSL	131°, 23%, 57%
HSV	131°, 29%, 67%
XYZ	26.0829, 34.3275, 26.0200
YIQ	150.3760, -16.6390, -23.3510

Conversions

Conversions Part 2

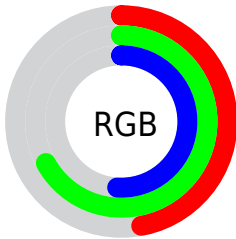
Format	Color
RYB	120, 162, 170
Decimal	7907969
CIELab	65.22, -25.17, 15.93
CIELCh	65, 29.789, 147.681
Yxy	34.3275, 0.3018, 0.3972
Android (android.graphics.Color)	4286098049 (0xFF78AA81)
YUV	150.3760, -10.5384, -26.6398
Hunter-Lab	58.5897, -23.0675, 14.6818

Details

The XYZ color **26.0829, 34.3275, 26.0200** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **29.7282, 24.5530, 36.8920**, and the grayscale version is **29.1984, 30.7190, 33.4530**.

A 20% lighter version of the original color is **52.8734, 66.6543, 54.3348**, and **10.3806, 14.8013, 9.8992** is the 20% darker color. If you saturate the color by 10%, you get **23.0670, 32.8736, 21.3676**, and if you desaturate by 10%, it is **29.6457, 36.0507, 31.3595**.

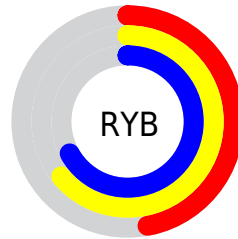
Distribution



Red (47%)

Green (67%)

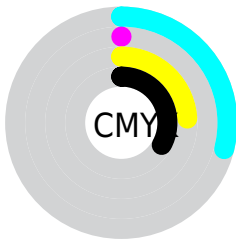
Blue (51%)



Red (47%)

Yellow (64%)

Blue (67%)

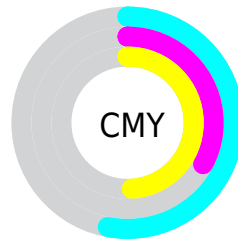


Cyan (29%)

Magenta (0%)

Yellow (24%)

Black (33%)



Cyan (53%)

Magenta (33%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.0829, 34.3275, 26.0200 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 26.0829, 34.3275, 26.0200 by changing the saturation by 10% instead.

■ 26.0829, 34.3275,
26.0200

■ 26.0829, 34.3275,
26.0200

275.4380,
321.5899, 296.4888

■ 17.0187, 23.1453,
16.6127

■ 52.8390, 66.4426,
54.2917

■ 10.3432, 14.7008,
9.7997

■ 71.2616, 88.1444,
73.9932

■ 5.6911, 8.6097,
5.1625

■ 93.5343, 114.1214,
97.9631

■ 2.6970, 4.4875,
2.2825

120.0226,
144.7581, 126.6201

■ 0.9957, 1.9498,
0.7214

151.0918,
180.4389, 160.3826

■ 0.0000, 0.5781,
0.0000

187.1071,

■ 0.0000, 0.0000,

221.5483, 199.6692

0.0000

228.4341,
268.4704, 244.8984

■ 26.0829, 34.3275,
26.0200

■ 26.0829, 34.3275,
26.0200

■ 23.0670, 32.8736,
21.3676

■ 29.6457, 36.0507,
31.3595

■ 20.5681, 31.6712,
17.3721

■ 33.7779, 38.0513,
37.4099

■ 18.5573, 30.7071,
14.0045

■ 38.5042, 40.3424,
44.1969

■ 17.0021, 29.9651,
11.2329

■ 43.8470, 42.9352,
51.7441

■ 15.8657, 29.4270,
9.0223

■ 49.8274, 45.8401,
60.0741

■ 15.1054, 29.0716,
7.3343

■ 56.4656, 49.0669,
69.2085

■ 14.6408, 28.8584,
6.1241

■ 63.7809, 52.6252,
79.1682

■ 14.6175, 28.8476,
6.0666

■ 71.4215, 56.3332,
89.9559

■ 73.5793, 57.1963,
101.3182

Harmonies

Analogous

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



28.9091, 34.3275, 19.9836



26.0829, 34.3275, 26.0200



24.9930, 34.3275, 36.4201

Triad

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



26.0829, 34.3275, 26.0200



32.2915, 34.3275, 66.6339



40.5722, 34.3275, 27.3551

Complementary

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



26.0829, 34.3275, 26.0200



29.7282, 24.5530, 36.8920

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.



41.6765, 34.3275, 38.3501



26.0829, 34.3275, 26.0200



36.6513, 34.3275, 62.7277

Square

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



26.0829, 34.3275, 26.0200



28.3741, 34.3275, 61.3748



40.1838, 34.3275, 51.6341



37.2855, 34.3275, 20.6260

Rectangle

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



26.0829, 34.3275, 26.0200



25.3181, 34.3275, 45.0994



40.1838, 34.3275, 51.6341



41.2230, 34.3275, 30.5903

Sweetspot

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



26.0838, 34.3289, 26.0208



61.4842, 69.1341, 68.1639



32.5989, 37.7537, 23.3387



13.4583, 15.2947, 14.8339



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.



26.0838, 34.3289, 26.0208



43.8054, 60.5852, 41.8139



27.8988, 35.0550, 35.5786



7.4898, 8.4290, 8.2997



10.7677, 21.2258, 4.5436



0.2774, 0.5226, 0.1917

Inverse Universe

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



29.7282, 24.5530, 36.8920



51.4518, 40.0617, 64.6139



27.7865, 23.7763, 26.6672



7.7831, 7.6431, 9.1750



15.6629, 7.6739, 18.8344



0.3958, 0.1926, 0.5355

Previews

White Background



This preview shows how the XYZ color 26.0829, 34.3275, 26.0200 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 26.0829, 34.3275, 26.0200 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 26.0829, 34.3275, 26.0200

Background



This preview shows how black text looks on a background with the XYZ color 26.0829, 34.3275, 26.0200.



This preview shows how white text looks on a background with the XYZ color 26.0829, 34.3275,

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

26.0829, 34.3275, 26.0200

Protanopia

31.7806, 33.8688, 23.6012

Deuteranopia

34.7533, 34.0950, 26.9396



Tritanopia

30.2645, 34.3924, 46.6383

Trichromacy



Original Color

26.0829, 34.3275, 26.0200

Protanomaly

29.3845, 33.9006, 24.3968

Deuteranomaly

30.8611, 33.8331, 26.7337

Tritanomaly

28.5856, 34.2461, 38.3612

Monochromacy



Original Color

26.0829, 34.3275, 26.0200

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.5869, 31.5559, 30.2281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.0829, 34.3275, 26.0200 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(120, 170, 129)` looks like.

```
.text, #text, p{  
    color:rgb(120, 170, 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(120, 170, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 170, 129) }
```

Border

The CSS property to change the border of an element to XYZ 26.0829, 34.3275, 26.0200 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(120, 170, 129) }
```


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

```
.border{ border-color:rgb(120, 170, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 170, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 170, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 170, 129);  
box-shadow:4px 4px 4px 4px rgb(120, 170,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 26.0829, 34.3275, 26.0200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 170, 129) }
```

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

```
.background{ background-color: rgb(120,  
170, 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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