

Converting Colors

XYZ(26.7110, 34.1230, 26.0469)

Have a look what the booklet for
XYZ(26.7110, 34.1230, 26.0469)
contains.

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Color

**XYZ(26.7175, 34.1023,
25.9431)**

Conversions

Conversions Part 1

Format	Color
Hex	7FA881
RGB	127, 168, 129
RGB Percent	50%, 66%, 51%
CMY	0.5020, 0.3412, 0.4941
CMYK	0.24, 0.00, 0.23, 0.34
HSL	123°, 19%, 58%
HSV	123°, 24%, 66%
XYZ	26.7175, 34.1023, 25.9431
YIQ	151.2950, -11.9170, -20.8210

Conversions

Conversions Part 2

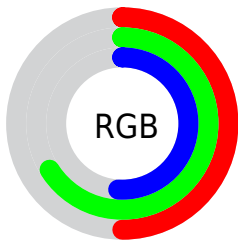
Format	Color
RYB	127, 166, 168
Decimal	8366209
CIELab	65.04, -21.79, 15.74
CIELCh	65, 26.883, 144.159
Yxy	34.1023, 0.3079, 0.3931
Android (android.graphics.Color)	4286556289 (0xFF7FA881)
YUV	151.2950, -10.9914, -21.3067
Hunter-Lab	58.3972, -20.5289, 14.5383

Details

The XYZ color **26.7175, 34.1023, 25.9431** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **30.6220, 26.2575, 39.5322**, and the grayscale version is **29.5919, 31.1329, 33.9038**.

A 20% lighter version of the original color is **53.6536, 65.8560, 54.1396**, and **10.7539, 14.6477, 9.8499** is the 20% darker color. If you saturate the color by 10%, you get **23.4405, 32.5272, 20.6718**, and if you desaturate by 10%, it is **30.5797, 35.9618, 32.1105**.

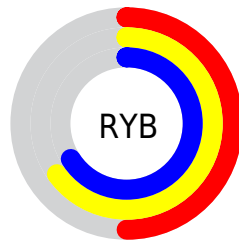
Distribution



Red (50%)

Green (66%)

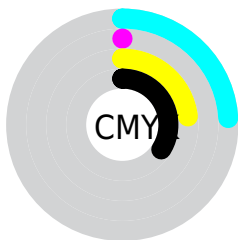
Blue (51%)



Red (50%)

Yellow (65%)

Blue (66%)

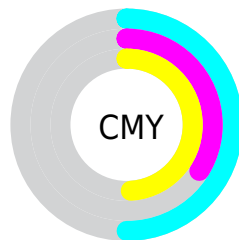


Cyan (24%)

Magenta (0%)

Yellow (23%)

Black (34%)



Cyan (50%)

Magenta (34%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7175, 34.1023, 25.9431 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 26.7175, 34.1023, 25.9431 by changing the saturation by 10% instead.

■ 26.7175, 34.1023,
25.9431

■ 26.7175, 34.1023,
25.9431

278.4793,
320.5880, 296.0992

■ 17.4967, 22.9722,
16.5557

■ 53.8533, 66.0927,
54.1661

■ 10.6867, 14.5730,
9.7596

■ 72.4990, 87.7218,
73.8388

■ 5.9223, 8.5202,
5.1364

■ 95.0170, 113.6194,
97.7769

■ 2.8381, 4.4296,
2.2674

121.7727,
144.1698, 126.3991

■ 1.0687, 1.9167,
0.7128

153.1314,
179.7575, 160.1239

■ 0.0000, 0.5584,
0.0000

189.4585,

■ 0.0000, 0.0000,

220.7668, 199.3699

0.0000

231.1193,
267.5822, 244.5554

■ 26.7175, 34.1023,
25.9431

■ 26.7175, 34.1023,
25.9431

■ 23.4405, 32.5272,
20.6718

■ 30.5797, 35.9618,
32.1105

■ 20.7177, 31.2185,
16.2529

■ 35.0509, 38.1143,
39.2105

■ 18.5191, 30.1628,
12.6422

■ 40.1567, 40.5731,
47.2804

■ 16.8111, 29.3436,
9.7908

■ 45.9207, 43.3496,
56.3549

■ 15.5560, 28.7428,
7.6446

■ 52.3650, 46.4547,
66.4667

■ 14.7106, 28.3393,
6.1422

■ 59.5108, 49.8984,
77.6473

■ 14.2232, 28.1082,
5.2117

■ 67.3786, 53.6908,
89.9267

■ 14.0482, 28.0246,
4.9042

■ 73.2933, 56.4866,
101.6478

Harmonies

Analogous

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



29.4460, 34.1023, 20.8088



26.7175, 34.1023, 25.9431



25.5241, 34.1023, 34.9929

Triad

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



26.7175, 34.1023, 25.9431



31.6576, 34.1023, 62.7929



39.7318, 34.1023, 29.0329

Complementary

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



26.7175, 34.1023, 25.9431



30.6220, 26.2575, 39.5322

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.



40.4421, 34.1023, 39.3558



26.7175, 34.1023, 25.9431



35.5733, 34.1023, 60.3197

Square

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



26.7175, 34.1023, 25.9431



28.2259, 34.1023, 57.3555



38.8658, 34.1023, 51.1476



36.9954, 34.1023, 22.3269

Rectangle

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



26.7175, 34.1023, 25.9431



25.6852, 34.1023, 42.6246



38.8658, 34.1023, 51.1476



40.2241, 34.1023, 32.1321

Sweetspot

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



26.7184, 34.1037, 25.9439



61.2807, 68.0431, 67.4704



33.6939, 37.7150, 25.5829



13.2554, 14.7817, 14.5452



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.7184, 34.1037, 25.9439



45.3039, 60.3545, 41.9744



28.1702, 34.6845, 33.5891



7.4510, 8.4135, 8.0953



10.6138, 21.1643, 3.7329



0.2627, 0.5167, 0.1145

Inverse Universe

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



30.6220, 26.2575, 39.5322



53.5626, 43.7521, 70.7215



28.9376, 25.5838, 30.6625



7.8259, 7.6602, 9.4002



16.9789, 8.2003, 25.7642



0.4177, 0.2014, 0.6512

Previews

White Background



This preview shows how the XYZ color 26.7175, 34.1023, 25.9431 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 26.7175, 34.1023, 25.9431 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

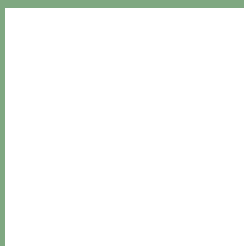
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.7175, 34.1023, 25.9431

Background



This preview shows how black text looks on a background with the XYZ color 26.7175, 34.1023, 25.9431.



This preview shows how white text looks on a background with the XYZ color 26.7175, 34.1023, 25.9431.

25.9431.

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

26.7175, 34.1023, 25.9431

Protanopia

31.6314, 33.7847, 23.9227

Deuteranopia

34.3563, 33.6504, 26.8747



Tritanopia

30.6499, 34.0867, 45.5214

Trichromacy



Original Color

26.7175, 34.1023, 25.9431

Protanomaly

29.4597, 33.6715, 24.6852

Deuteranomaly

30.9198, 33.3570, 26.6387

Tritanomaly

28.9627, 33.9251, 37.3694

Monochromacy



Original Color

26.7175, 34.1023, 25.9431

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

28.1702, 31.8479, 30.6491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7175, 34.1023, 25.9431 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(127, 168, 129)` looks like.

```
.text, #text, p{  
    color:rgb(127, 168, 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(127, 168, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 168, 129) }
```

Border

The CSS property to change the border of an element to XYZ 26.7175, 34.1023, 25.9431 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(127, 168, 129) }
```


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

```
.border{ border-color:rgb(127, 168, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 168, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 168, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 168, 129);  
box-shadow:4px 4px 4px 4px rgb(127, 168,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7175, 34.1023, 25.9431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 168, 129) }
```

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

```
.background{ background-color: rgb(127,  
168, 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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