

Converting Colors

XYZ(27.7362, 35.4105, 26.4397)

Have a look what the booklet for
XYZ(27.7362, 35.4105, 26.4397)
contains.

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Color

**XYZ(27.7981, 35.4834,
26.5030)**

Conversions

Conversions Part 1

Format	Color
Hex	82AB82
RGB	130, 171, 130
RGB Percent	51%, 67%, 51%
CMY	0.4902, 0.3294, 0.4902
CMYK	0.24, 0.00, 0.24, 0.33
HSL	120°, 20%, 59%
HSV	120°, 24%, 67%
XYZ	27.7981, 35.4834, 26.5030
YIQ	154.0670, -11.2750, -21.4430

Conversions

Conversions Part 2

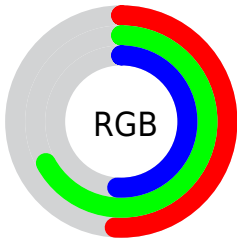
Format	Color
RYB	130, 171, 171
Decimal	8563586
CIELab	66.12, -22.09, 16.72
CIELCh	66, 27.701, 142.881
Yxy	35.4834, 0.3096, 0.3952
Android (android.graphics.Color)	4286753666 (0xFF82AB82)
YUV	154.0670, -11.8650, -21.1068
Hunter-Lab	59.5679, -20.9447, 15.3182

Details

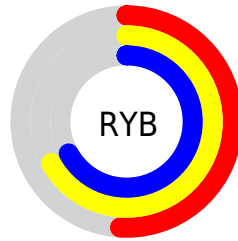
The XYZ color **27.7981, 35.4834, 26.5030** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **32.1291, 27.5642, 42.1565**, and the grayscale version is **30.7994, 32.4033, 35.2872**.

A 20% lighter version of the original color is **55.7835, 68.5474, 55.0906**, and **11.2692, 15.4351, 9.9747** is the 20% darker color. If you saturate the color by 10%, you get **24.3360, 33.8214, 20.8393**, and if you desaturate by 10%, it is **31.8888, 37.4494, 33.1933**.

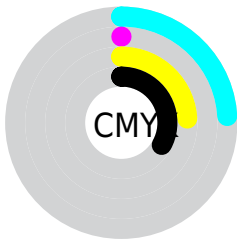
Distribution



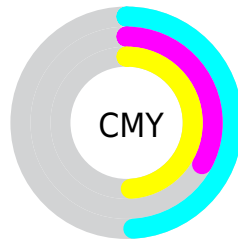
- Red (51%)
- Green (67%)
- Blue (51%)



- Red (51%)
- Yellow (67%)
- Blue (67%)



- Cyan (24%)
- Magenta (0%)
- Yellow (24%)
- Black (33%)



- Cyan (49%)
- Magenta (33%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7981, 35.4834, 26.5030 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 27.7981, 35.4834, 26.5030 by changing the saturation by 10% instead.

■ 27.7981, 35.4834,
26.5030

■ 27.7981, 35.4834,
26.5030

283.5985,
326.6969, 298.9263

■ 18.3132, 24.0355,
16.9712

■ 55.5728, 68.2340,
55.0793

■ 11.2761, 15.3599,
10.0522

■ 74.5934, 90.3054,
74.9609

■ 6.3215, 9.0724,
5.3275

■ 97.5232, 116.6868,
99.1295

■ 3.0841, 4.7884,
2.3786

124.7276,
147.7625, 128.0036

■ 1.1984, 2.1237,
0.7748

156.5720,
183.9170, 162.0018

■ 0.1051, 0.6779,
0.0000

193.4217,

■ 0.0000, 0.0000,

225.5346, 201.5426

0.0000

235.6421,
272.9998, 247.0446

■ 27.7981, 35.4834,
26.5030

■ 27.7981, 35.4834,
26.5030

■ 24.3360, 33.8214,
20.8393

■ 31.8888, 37.4494,
33.1933

■ 21.4687, 32.4441,
16.1493

■ 36.6342, 39.7289,
40.9551

■ 19.1636, 31.3369,
12.3789

■ 42.0620, 42.3362,
49.8333

■ 17.3838, 30.4819,
9.4677

■ 48.1979, 45.2835,
59.8695

■ 16.0880, 29.8595,
7.3482

■ 55.0661, 48.5827,
71.1035

■ 15.2287, 29.4468,
5.9426

■ 62.6895, 52.2446,
83.5728

■ 14.7490, 29.2163,
5.1578

■ 71.0903, 56.2799,
97.3135

■ 14.5637, 29.1273,
4.8547

■ 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.



30.7400, 35.4834, 21.2830



27.7981, 35.4834, 26.5030



26.4634, 35.4834, 35.8927

Triad

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



27.7981, 35.4834, 26.5030



32.7541, 35.4834, 65.7878



41.5594, 35.4834, 30.4722

Complementary

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



27.7981, 35.4834, 26.5030



32.1291, 27.5642, 42.1565

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.



42.2086, 35.4834, 41.5144



27.7981, 35.4834, 26.5030



36.8991, 35.4834, 63.5193

Square

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



27.7981, 35.4834, 26.5030



29.1698, 35.4834, 59.6845



40.4417, 35.4834, 53.9991



38.7333, 35.4834, 23.2278

Rectangle

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



27.7981, 35.4834, 26.5030



26.5811, 35.4834, 43.9142



40.4417, 35.4834, 53.9991



42.0483, 35.4834, 33.7975

Sweetspot

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



27.7990, 35.4849, 26.5038



62.8037, 69.8025, 68.7602



35.3884, 39.3974, 26.8586



13.8950, 15.5131, 15.1530



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.



27.7990, 35.4849, 26.5038



46.2164, 61.8347, 41.6288



29.3152, 36.0914, 34.4879



7.9045, 8.9394, 8.5223



10.9783, 21.9566, 3.6595



0.3054, 0.6108, 0.1018

Inverse Universe

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



32.1291, 27.5642, 42.1565



55.3868, 45.0598, 74.7790



30.3237, 26.8420, 32.6495



8.3371, 8.1481, 10.0860



18.2017, 8.7432, 29.7713



0.5064, 0.2432, 0.8282

Previews

White Background



This preview shows how the XYZ color 27.7981, 35.4834, 26.5030 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 27.7981, 35.4834, 26.5030 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 27.7981, 35.4834, 26.5030

Background



This preview shows how black text looks on a background with the XYZ color 27.7981, 35.4834, 26.5030.



This preview shows how white text looks on a background with the XYZ color 27.7981, 35.4834,

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

27.7981, 35.4834, 26.5030

Protanopia

33.0671, 35.2802, 24.4690

Deuteranopia

35.8663, 35.1467, 27.4479



Tritanopia

31.9722, 35.5279, 47.2919

Trichromacy



Original Color

27.7981, 35.4834, 26.5030

Protanomaly

30.8165, 35.1511, 25.2393

Deuteranomaly

32.3215, 34.8344, 27.2105

Tritanomaly

30.2434, 35.3615, 38.9497

Monochromacy



Original Color

27.7981, 35.4834, 26.5030

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

29.3587, 33.2057, 31.6500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7981, 35.4834, 26.5030 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(130, 171, 130)` looks like.

```
.text, #text, p{  
    color:rgb(130, 171, 130)  
}
```

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(130, 171, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 171, 130) }
```

Border

The CSS property to change the border of an element to XYZ 27.7981, 35.4834, 26.5030 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(130, 171, 130) }
```


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

```
.border{ border-color:rgb(130, 171, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 171, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 171, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 171, 130);  
box-shadow:4px 4px 4px 4px rgb(130, 171,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7981, 35.4834, 26.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 171, 130) }
```

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

```
.background{ background-color: rgb(130,  
171, 130) }
```

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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