

Converting Colors

XYZ(26.8385, 35.1482, 19.8911)

Have a look what the booklet for
XYZ(26.8385, 35.1482, 19.8911)
contains.

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Color

**XYZ(26.8389, 35.1355,
19.8353)**

Conversions

Conversions Part 1

Format	Color
Hex	84AB6D
RGB	132, 171, 109
RGB Percent	52%, 67%, 43%
CMY	0.4824, 0.3294, 0.5725
CMYK	0.23, 0.00, 0.36, 0.33
HSL	98°, 27%, 55%
HSV	98°, 36%, 67%
XYZ	26.8389, 35.1355, 19.8353
YIQ	152.2710, -3.3420, -27.5500

Conversions

Conversions Part 2

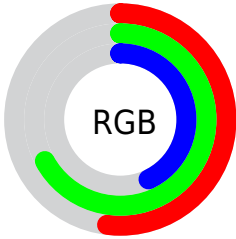
Format	Color
RYB	109, 171, 148
Decimal	8694637
CIELab	65.85, -24.79, 27.75
CIELCh	66, 37.211, 131.774
Yxy	35.1355, 0.3281, 0.4295
Android (android.graphics.Color)	4286884717 (0xFF84AB6D)
YUV	152.2710, -21.3326, -17.7777
Hunter-Lab	59.2752, -22.9096, 21.6524

Details

The XYZ color **26.8389, 35.1355, 19.8353** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.0337, 20.1746, 41.1047**, and the grayscale version is **30.0532, 31.6183, 34.4324**.

A 20% lighter version of the original color is **54.1518, 67.9505, 43.9799**, and **10.8058, 15.2692, 6.6527** is the 20% darker color. If you saturate the color by 10%, you get **24.4103, 33.9808, 15.3751**, and if you desaturate by 10%, it is **29.6219, 36.4543, 25.2485**.

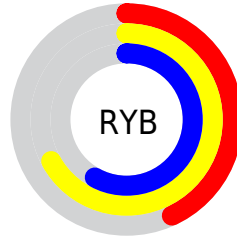
Distribution



Red (52%)

Green (67%)

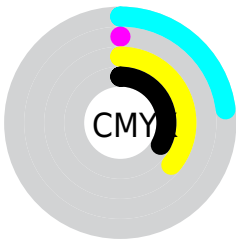
Blue (43%)



Red (43%)

Yellow (67%)

Blue (58%)

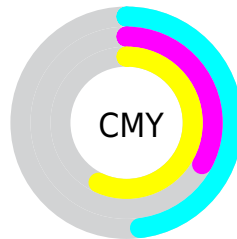


Cyan (23%)

Magenta (0%)

Yellow (36%)

Black (33%)



Cyan (48%)

Magenta (33%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8389, 35.1355, 19.8353 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 26.8389, 35.1355, 19.8353 by changing the saturation by 10% instead.

■ 26.8389, 35.1355,
19.8353

■ 26.8389, 35.1355,
19.8353

279.0580,
325.1660, 263.5968

■ 17.5882, 23.7673,
12.0925

■ 54.0470, 67.6956,
43.9962

■ 10.7527, 15.1611,
6.6834

■ 72.7351, 89.6563,
61.2514

■ 5.9668, 8.9325,
3.1895

■ 95.2997, 115.9166,
82.5145

■ 2.8654, 4.6972,
1.1922

■ 122.1062,
146.8609, 108.2039

■ 1.0830, 2.0707,
0.0000

153.5199,
182.8736, 138.7384

■ 0.0108, 0.6481,
0.0000

189.9062,

■ 0.0000, 0.0000,

224.3391, 174.5363

0.0000

231.6305,
271.6418, 216.0162

■ 26.8389, 35.1355,
19.8353

■ 26.8389, 35.1355,
19.8353

■ 24.4103, 33.9808,
15.3751

■ 29.6219, 36.4543,
25.2485

■ 22.3178, 32.9788,
11.8103

■ 32.7712, 37.9392,
31.6630

■ 20.5452, 32.1236,
9.0808

■ 36.3015, 39.5975,
39.1267

■ 19.0739, 31.4070,
7.1183

■ 40.2257, 41.4352,
47.6838

■ 17.8827, 30.8199,
5.8435

■ 44.5560, 43.4575,
57.3760

■ 16.9448, 30.3508,
5.1490

■ 49.3044, 45.6698,
68.2425

■ 16.6411, 30.1983,
4.9518

■ 54.4820, 48.0770,
80.3210

■ 60.0996, 50.6838,
93.6474

■ 64.8685, 52.9753,
101.4141

Harmonies

Analogous

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



31.2851, 35.1355, 15.6207



26.8389, 35.1355, 19.8353



24.3307, 35.1355, 29.5511

Triad

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



26.8389, 35.1355, 19.8353



30.1983, 35.1355, 74.7995



44.8441, 35.1355, 32.4077

Complementary

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



26.8389, 35.1355, 19.8353



25.0337, 20.1746, 41.1047

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.



44.4706, 35.1355, 48.5231



26.8389, 35.1355, 19.8353



35.5982, 35.1355, 76.1861

Square

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



26.8389, 35.1355, 19.8353



26.1186, 35.1355, 62.1654



40.9408, 35.1355, 65.5534



41.9115, 35.1355, 21.4303

Rectangle

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



26.8389, 35.1355, 19.8353



23.9081, 35.1355, 39.2013



40.9408, 35.1355, 65.5534



45.1091, 35.1355, 37.3272

Sweetspot

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



26.8398, 35.1370, 19.8361



61.8029, 69.4079, 63.2317



30.0264, 30.7036, 18.8124



13.5990, 15.3921, 13.7142



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.



26.8398, 35.1370, 19.8361



44.3205, 61.1435, 28.6131



24.0367, 33.6451, 21.8222



8.1746, 9.0786, 8.5349



12.5983, 22.7917, 3.7352



0.4120, 0.6657, 0.1068

Inverse Universe

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



25.0337, 20.1746, 41.1047



40.5650, 30.1348, 72.6805



28.9444, 22.2681, 37.7860



8.0447, 7.9974, 10.0723



10.2238, 4.6304, 29.3994



0.3421, 0.1586, 0.8206

Previews

White Background



This preview shows how the XYZ color 26.8389, 35.1355, 19.8353 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 26.8389, 35.1355, 19.8353 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 26.8389, 35.1355, 19.8353

Background



This preview shows how black text looks on a background with the XYZ color 26.8389, 35.1355, 19.8353.



This preview shows how white text looks on a background with the XYZ color 26.8389, 35.1355,

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

26.8389, 35.1355, 19.8353

Protanopia

32.1304, 34.6800, 18.0972

Deuteranopia

35.6071, 34.9219, 20.4867



Tritanopia

32.0890, 35.0798, 46.1541

Trichromacy



Original Color

26.8389, 35.1355, 19.8353

Protanomaly

29.7993, 34.5041, 18.7250

Deuteranomaly

31.8576, 34.7465, 20.3569

Tritanomaly

29.7849, 34.9427, 34.8805

Monochromacy



Original Color

26.8389, 35.1355, 19.8353

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

28.5191, 32.5936, 28.0806

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8389, 35.1355, 19.8353 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(132, 171, 109)` looks like.

```
.text, #text, p{  
    color:rgb(132, 171, 109)  
}
```

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(132, 171, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 171, 109) }
```

Border

The CSS property to change the border of an element to XYZ 26.8389, 35.1355, 19.8353 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(132, 171, 109) }
```


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

```
.border{ border-color:rgb(132, 171, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 171, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 171, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 171, 109);  
box-shadow:4px 4px 4px 4px rgb(132, 171,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8389, 35.1355, 19.8353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 171, 109) }
```

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

```
.background{ background-color: rgb(132,  
171, 109) }
```

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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