

Converting Colors

XYZ(26.4974, 33.2507, 19.3558)

Have a look what the booklet for
XYZ(26.4974, 33.2507, 19.3558)
contains.

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Color

**XYZ(26.5320, 33.3328,
19.5035)**

Conversions

Conversions Part 1

Format	Color
Hex	89A56D
RGB	137, 165, 109
RGB Percent	54%, 65%, 43%
CMY	0.4627, 0.3529, 0.5725
CMYK	0.17, 0.00, 0.34, 0.35
HSL	90°, 24%, 54%
HSV	90°, 34%, 65%
XYZ	26.5320, 33.3328, 19.5035
YIQ	150.2440, 1.2880, -23.3520

Conversions

Conversions Part 2

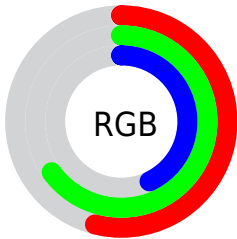
Format	Color
RYB	109, 165, 137
Decimal	9020781
CIELab	64.43, -19.91, 25.93
CIELCh	64, 32.690, 127.511
Yxy	33.3328, 0.3343, 0.4200
Android (android.graphics.Color)	4287210861 (0xFF89A56D)
YUV	150.2440, -20.3333, -11.6150
Hunter-Lab	57.7346, -19.0056, 20.3852

Details

The XYZ color **26.5320, 33.3328, 19.5035** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.5781, 18.9732, 38.0714**, and the grayscale version is **29.1771, 30.6966, 33.4286**.

A 20% lighter version of the original color is **53.5121, 64.8360, 43.4124**, and **10.5852, 14.1256, 6.5835** is the 20% darker color. If you saturate the color by 10%, you get **24.4249, 32.3407, 15.1956**, and if you desaturate by 10%, it is **28.9111, 34.4478, 24.6960**.

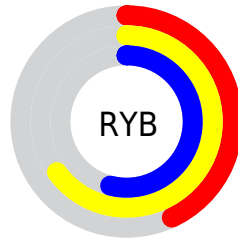
Distribution



Red (54%)

Green (65%)

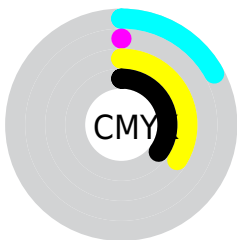
Blue (43%)



Red (43%)

Yellow (65%)

Blue (54%)

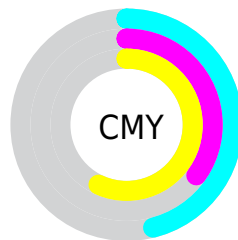


Cyan (17%)

Magenta (0%)

Yellow (34%)

Black (35%)



Cyan (46%)


Magenta (35%)


Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5320, 33.3328, 19.5035 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 26.5320, 33.3328, 19.5035 by changing the saturation by 10% instead.


 26.5320, 33.3328,
19.5035


 26.5320, 33.3328,
19.5035


277.5930,
317.1467, 261.7292


 17.3568, 22.3815,
11.8542


 53.5572, 64.8948,
43.4312


 10.5861, 14.1375,
6.5231


 72.1379, 86.2742,
60.5466

 5.8545, 8.2164,
3.0918


 94.5844, 111.8985,
81.6544

 2.7966, 4.2337,
1.1417

 121.2623,
142.1521, 107.1732

 1.0471, 1.8051,
0.0000

152.5367,
177.4193, 137.5216

 0.0000, 0.4904,
0.0000

188.7730,

 0.0000, 0.0000,

218.0845, 173.1180

0.0000

230.3367,
264.5322, 214.3810

■ 26.5320, 33.3328,
19.5035

■ 26.5320, 33.3328,
19.5035

■ 24.4249, 32.3407,
15.1956

■ 28.9111, 34.4478,
24.6960

■ 22.5754, 31.4623,
11.7206

■ 31.5704, 35.6860,
30.8163

■ 20.9720, 30.6937,
9.0252

■ 34.5210, 37.0532,
37.9077

■ 19.6004, 30.0290,
7.0486

■ 37.7725, 38.5535,
46.0099

■ 18.4451, 29.4616,
5.7213

■ 41.3340, 40.1907,
55.1604

■ 17.4875, 28.9837,
4.9599

■ 45.2144, 41.9686,
65.3949

■ 16.9787, 28.7278,
4.6501

■ 49.4218, 43.8907,
76.7472

■ 53.9645, 45.9605,
89.2500

■ 58.4440, 48.0188,
100.7960

Harmonies

Analogous

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



30.5248, 33.3328, 16.3308



26.5320, 33.3328, 19.5035



24.1017, 33.3328, 27.3345

Triad

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



26.5320, 33.3328, 19.5035



28.3758, 33.3328, 65.5492



41.4237, 33.3328, 33.0411

Complementary

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



26.5320, 33.3328, 19.5035



22.5781, 18.9732, 38.0714

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.



40.7048, 33.3328, 47.0237



26.5320, 33.3328, 19.5035



32.8678, 33.3328, 68.1512

Square

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



26.5320, 33.3328, 19.5035



25.0911, 33.3328, 54.2734



37.4583, 33.3328, 60.6985



39.3360, 33.3328, 22.8009

Rectangle

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



26.5320, 33.3328, 19.5035



23.5451, 33.3328, 35.1903



37.4583, 33.3328, 60.6985



41.5055, 33.3328, 37.4200

Sweetspot

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



26.5328, 33.3343, 19.5042



58.4603, 64.8002, 59.7500



27.2244, 26.9961, 18.2444



12.6300, 14.0968, 12.7034



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.



26.5328, 33.3343, 19.5042



44.5268, 58.2884, 28.7708



22.5231, 31.2672, 19.3166



7.3071, 8.0608, 7.5509



12.9016, 21.7615, 3.5204



0.3256, 0.4854, 0.0765

Inverse Universe

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



22.5781, 18.9732, 38.0714



36.3134, 28.4626, 67.3322



27.7786, 21.6542, 38.3148



7.0221, 7.0258, 8.8891



7.8615, 3.4592, 27.1831



0.2197, 0.1008, 0.5737

Previews

White Background



This preview shows how the XYZ color 26.5320, 33.3328, 19.5035 looks on a white background.

Color Contrast Check

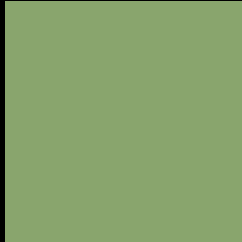
Large Text (above 18pt) WCAG AA × Fail

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 26.5320, 33.3328, 19.5035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

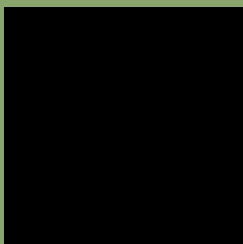
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

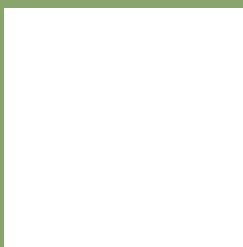
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.5320, 33.3328, 19.5035

Background



This preview shows how black text looks on a background with the XYZ color 26.5320, 33.3328, 19.5035.



This preview shows how white text looks on a background with the XYZ color 26.5320, 33.3328,

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

26.5320, 33.3328, 19.5035

Protanopia

30.8005, 33.2319, 18.1556

Deuteranopia

33.6797, 32.9790, 19.9197



Tritanopia

31.1667, 33.1272, 42.7817

Trichromacy



Original Color

26.5320, 33.3328, 19.5035

Protanomaly

28.9043, 33.0050, 18.4828

Deuteranomaly

30.7390, 32.9152, 19.7721

Tritanomaly

29.2438, 33.1194, 32.8683

Monochromacy



Original Color

26.5320, 33.3328, 19.5035

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

27.7716, 31.2117, 27.4824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5320, 33.3328, 19.5035 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(137, 165, 109)` looks like.

```
.text, #text, p{  
    color:rgb(137, 165, 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(137, 165, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 165, 109) }
```

Border

The CSS property to change the border of an element to XYZ 26.5320, 33.3328, 19.5035 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(137, 165, 109) }
```


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

```
.border{ border-color:rgb(137, 165, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 165, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 165, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 165, 109);  
box-shadow:4px 4px 4px 4px rgb(137, 165,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5320, 33.3328, 19.5035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 165, 109) }
```

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

```
.background{ background-color: rgb(137,  
165, 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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