

Converting Colors

XYZ(26.5682, 27.6126, 11.6838)

Have a look what the booklet for
XYZ(26.5682, 27.6126, 11.6838)
contains.

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Color

**XYZ(26.5271, 27.6432,
11.7221)**

Conversions

Conversions Part 1

Format	Color
Hex	A58D51
RGB	165, 141, 81
RGB Percent	65%, 55%, 32%
CMY	0.3529, 0.4470, 0.6823
CMYK	0.00, 0.15, 0.51, 0.35
HSL	43°, 34%, 48%
HSV	43°, 51%, 65%
XYZ	26.5271, 27.6432, 11.7221
YIQ	141.3360, 33.5640, -13.5720

Conversions

Conversions Part 2

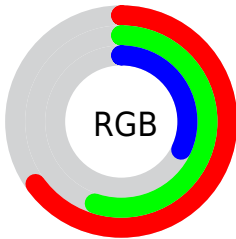
Format	Color
R_{YB}	115, 165, 81
Decimal	10849617
CIE _{Lab}	59.57, 1.04, 35.14
CIE _{LCh}	60, 35.157, 88.301
Yxy	27.6432, 0.4026, 0.4195
Android (android.graphics.Color)	4289039697 (0xFFA58D51)
YUV	141.3360, -29.7456, 20.7533
Hunter-Lab	52.5768, -1.9490, 23.5849

Details

The XYZ color **26.5271, 27.6432, 11.7221** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.2362, 14.5684, 37.6060**, and the grayscale version is **25.5540, 26.8848, 29.2775**.

A 20% lighter version of the original color is **53.5808, 55.7791, 29.7722**, and **10.5711, 10.9715, 2.9994** is the 20% darker color. If you saturate the color by 10%, you get **25.3019, 26.0657, 8.6233**, and if you desaturate by 10%, it is **27.9335, 29.3427, 15.6237**.

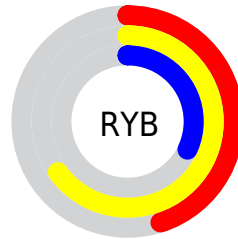
Distribution



Red (65%)

Green (55%)

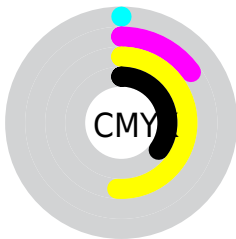
Blue (32%)



Red (45%)

Yellow (65%)

Blue (32%)

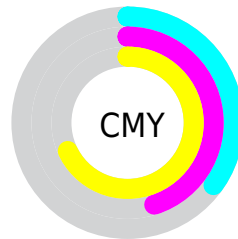


Cyan (0%)

Magenta (15%)

Yellow (51%)

Black (35%)



Cyan (35%)

Magenta (45%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.5271, 27.6432, 11.7221 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 26.5271, 27.6432, 11.7221 by changing the saturation by 10% instead.

■ 26.5271, 27.6432,
11.7221

■ 26.5271, 27.6432,
11.7221

277.5696,
290.7580, 213.4689

■ 17.3531, 18.0569,
6.4345

■ 53.5493, 55.9143,
29.6447

■ 10.5834, 10.9908,
3.0380

■ 72.1283, 75.3678,
43.1169

■ 5.8527, 6.0607,
1.1141

■ 94.5730, 98.8792,
60.1542

■ 2.7955, 2.8820,
0.0000

■ 121.2488,
126.8329, 81.1754

■ 1.0466, 1.0704,
0.0000

■ 152.5209,
159.6132, 106.5989

■ 0.0000, 0.0000,
0.0000

188.7549,

197.6046, 136.8433

230.3160,
241.1914, 172.3272

■ 26.5271, 27.6432,
11.7221

■ 26.5271, 27.6432,
11.7221

■ 25.3019, 26.0657,
8.6233

■ 27.9335, 29.3427,
15.6237

■ 24.2446, 24.6010,
6.2671

■ 29.5296, 31.1648,
20.3791

■ 23.3428, 23.2446,
4.5876

■ 31.3254, 33.1154,
26.0369

■ 22.5813, 21.9900,
3.5063

■ 33.3297, 35.1984,
32.6416

■ 21.9796, 20.9245,
2.8804

■ 35.5508, 37.4176,
40.2349

■ 37.9963, 39.7767,
48.8558

■ 40.6736, 42.2791,
58.5411

■ 43.5897, 44.9282,
69.3262

■ 46.7512, 47.7270,
81.2443

Harmonies

Analogous

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



31.0029, 27.6432, 13.7631



26.5271, 27.6432, 11.7221



22.4433, 27.6432, 13.3387

Triad

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



26.5271, 27.6432, 11.7221



19.4724, 27.6432, 43.1916



34.1978, 27.6432, 44.8033

Complementary

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



26.5271, 27.6432, 11.7221



15.2362, 14.5684, 37.6060

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.



30.5176, 27.6432, 57.0531



26.5271, 27.6432, 11.7221



22.0523, 27.6432, 55.9537

Square

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



26.5271, 27.6432, 11.7221



18.6544, 27.6432, 29.3821



26.0226, 27.6432, 61.6139



35.7287, 27.6432, 30.8270

Rectangle

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



26.5271, 27.6432, 11.7221



20.4198, 27.6432, 16.6255



26.0226, 27.6432, 61.6139



33.1521, 27.6432, 49.3911

Sweetspot

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



26.5278, 27.6445, 11.7227



58.0772, 61.3796, 53.0804



21.0715, 14.9292, 15.4616



12.5410, 13.2566, 11.0917



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.



26.5278, 27.6445, 11.7227



45.0696, 46.3541, 14.8648



27.1892, 33.8187, 12.8795



7.4777, 7.8937, 7.5096



16.6720, 15.9179, 2.1938



0.3874, 0.4087, 0.0585

Inverse Universe

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



15.2362, 14.5684, 37.6060



22.5988, 20.3703, 66.4931



14.7496, 11.1873, 36.9790



6.8576, 7.1742, 8.9264



5.9489, 3.6773, 27.3260



0.1633, 0.1539, 0.5869

Previews

White Background



This preview shows how the XYZ color 26.5271, 27.6432, 11.7221 looks on a white background.

Color Contrast Check

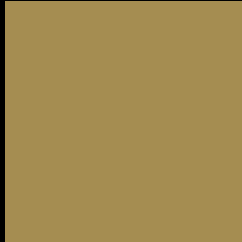
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5271, 27.6432, 11.7221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

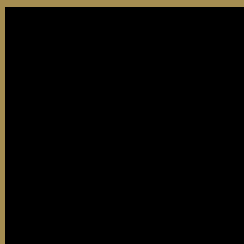
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.5271, 27.6432, 11.7221

Background



This preview shows how black text looks on a background with the XYZ color 26.5271, 27.6432, 11.7221.



This preview shows how white text looks on a background with the XYZ color 26.5271, 27.6432,

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

26.5271, 27.6432, 11.7221

Protanopia

25.5968, 27.8248, 12.0043

Deuteranopia

28.1478, 27.6145, 11.8292



Tritanopia

30.3537, 27.7217, 30.1366

Trichromacy



Original Color

26.5271, 27.6432, 11.7221

Protanomaly

26.0434, 27.8312, 11.9820

Deuteranomaly

27.4061, 27.4441, 11.8354

Tritanomaly

28.7590, 27.7068, 21.9213

Monochromacy



Original Color

26.5271, 27.6432, 11.7221

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.4323, 26.8657, 21.2979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5271, 27.6432, 11.7221 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(165, 141, 81)` looks like.

```
.text, #text, p{  
    color:rgb(165, 141, 81)  
}
```

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(165, 141, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 141, 81) }
```

Border

The CSS property to change the border of an element to XYZ 26.5271, 27.6432, 11.7221 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(165, 141, 81) }
```


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

```
.border{ border-color:rgb(165, 141, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 141, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 141, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 141, 81);  
box-shadow:4px 4px 4px 4px rgb(165, 141,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5271, 27.6432, 11.7221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 141, 81) }
```

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

```
.background{ background-color: rgb(165,  
141, 81) }
```

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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