

Converting Colors

XYZ(27.1197, 26.3699, 8.1485)

Have a look what the booklet for
XYZ(27.1197, 26.3699, 8.1485)
contains.

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Color

**XYZ(27.1615, 26.3530,
8.2125)**

Conversions

Conversions Part 1

Format	Color
Hex	B0853E
RGB	176, 133, 62
RGB Percent	69%, 52%, 24%
CMY	0.3098, 0.4784, 0.7569
CMYK	0.00, 0.24, 0.65, 0.31
HSL	37°, 48%, 47%
HSV	37°, 65%, 69%
XYZ	27.1615, 26.3530, 8.2125
YIQ	137.7630, 48.4190, -12.9650

Conversions

Conversions Part 2

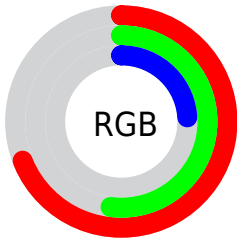
Format	Color
R_{YB}	131, 176, 62
Decimal	11568446
CIE Lab	58.37, 8.77, 43.72
CIE LCh	58, 44.595, 78.652
Yxy	26.3530, 0.4400, 0.4269
Android (android.graphics.Color)	4289758526 (0xFFB0853E)
YUV	137.7630, -37.3512, 33.5338
Hunter-Lab	51.3352, 4.6080, 26.4495

Details

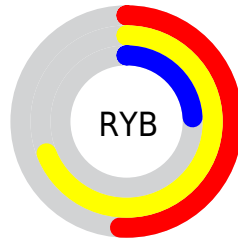
The XYZ color **27.1615, 26.3530, 8.2125** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **14.8743, 14.2612, 43.0426**, and the grayscale version is **24.1926, 25.4525, 27.7178**.

A 20% lighter version of the original color is **54.4152, 53.7801, 22.8418**, and **10.9708, 10.3556, 1.7078** is the 20% darker color. If you saturate the color by 10%, you get **25.8745, 24.4307, 5.7746**, and if you desaturate by 10%, it is **28.6636, 28.4553, 11.4942**.

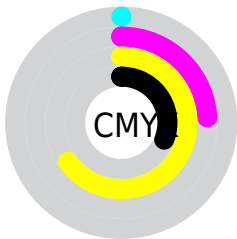
Distribution



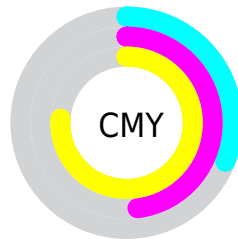
- Red (69%)
- Green (52%)
- Blue (24%)



- Red (51%)
- Yellow (69%)
- Blue (24%)



- Cyan (0%)
- Magenta (24%)
- Yellow (65%)
- Black (31%)



- Cyan (31%)
- Magenta (48%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.1615, 26.3530, 8.2125 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 27.1615, 26.3530, 8.2125 by changing the saturation by 10% instead.

■ 27.1615, 26.3530,
8.2125

■ 27.1615, 26.3530,
8.2125

280.5915,
284.5107, 187.3858

■ 17.8318, 17.0879,
4.1415

■ 54.5610, 53.8439,
22.9270

■ 10.9282, 10.2972,
1.7033

■ 73.3614, 72.8385,
34.4076

■ 6.0855, 5.5964,
0.3630

■ 96.0495, 95.8450,
49.1951

■ 2.9383, 2.6013,
0.0000

■ 122.9905,
123.2478, 67.7081

■ 1.1212, 0.9273,
0.0000

■ 154.5499,
155.4314, 90.3651

■ 0.0428, 0.0000,
0.0000

■ 191.0930,

■ 0.0000, 0.0000,

192.7802, 117.5847

0.0000

232.9850,
235.6785, 149.7854

■ 27.1615, 26.3530,
8.2125

■ 27.1615, 26.3530,
8.2125

■ 25.8745, 24.4307,
5.7746

■ 28.6636, 28.4553,
11.4942

■ 24.7839, 22.6762,
4.0956

■ 30.3937, 30.7413,
15.6904

■ 23.8701, 21.0809,
3.0752

■ 32.3654, 33.2191,
20.8660

■ 23.4394, 20.3002,
2.6829

■ 34.5908, 35.8951,
27.0795

■ 37.0811, 38.7752,
34.3849

■ 39.8465, 41.8651,
42.8321

■ 42.8970, 45.1702,
52.4684

■ 46.2418, 48.6956,
63.3379

■ 49.8896, 52.4462,
75.4829

Harmonies

Analogous

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



32.6078, 26.3530, 11.5764



27.1615, 26.3530, 8.2125



21.8511, 26.3530, 8.6487

Triad

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



27.1615, 26.3530, 8.2125



16.3914, 26.3530, 39.3730



33.7433, 26.3530, 53.3641

Complementary

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



27.1615, 26.3530, 8.2125



14.8743, 14.2612, 43.0426

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.



28.5419, 26.3530, 67.4332



27.1615, 26.3530, 8.2125



18.7571, 26.3530, 57.5471

Square

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



27.1615, 26.3530, 8.2125



16.1330, 26.3530, 23.1969



23.0466, 26.3530, 69.1930



36.7583, 26.3530, 34.9972

Rectangle

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



27.1615, 26.3530, 8.2125



19.0695, 26.3530, 11.0890



23.0466, 26.3530, 69.1930



32.1606, 26.3530, 58.9993

Sweetspot

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



27.1621, 26.3543, 8.2130



65.1326, 67.8969, 56.0684



22.2131, 13.7099, 15.0298



13.8445, 14.4001, 11.3602



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.1621, 26.3543, 8.2130



45.9771, 42.8107, 8.9134



31.4376, 39.1531, 10.4581



8.9224, 9.3573, 8.9884



17.2558, 15.0101, 1.9878



0.5969, 0.5802, 0.0805

Inverse Universe

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



14.8743, 14.2612, 43.0426



22.0314, 19.3335, 77.0659



12.4844, 8.0881, 41.9771



8.2959, 8.7379, 10.7557



7.2480, 5.2963, 30.7773



0.2853, 0.2811, 0.9875

Previews

White Background



This preview shows how the XYZ color 27.1615, 26.3530, 8.2125 looks on a white background.

Color Contrast Check

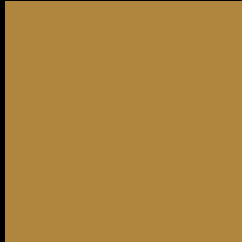
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1615, 26.3530, 8.2125 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 27.1615, 26.3530, 8.2125

Background



This preview shows how black text looks on a background with the XYZ color 27.1615, 26.3530, 8.2125.



This preview shows how white text looks on a background with the XYZ color 27.1615, 26.3530,

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

27.1615, 26.3530, 8.2125

Protanopia

24.1606, 26.4878, 8.6898

Deuteranopia

26.8502, 26.3967, 8.2373



Tritanopia

30.7628, 26.2403, 26.3652

Trichromacy



Original Color

27.1615, 26.3530, 8.2125

Protanomaly

25.0899, 26.3224, 8.4610

Deuteranomaly

27.0738, 26.5120, 8.2478

Tritanomaly

29.0164, 26.1048, 17.6968

Monochromacy



Original Color

27.1615, 26.3530, 8.2125

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.5675, 25.4095, 18.3615

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1615, 26.3530, 8.2125 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(176, 133, 62)` looks like.

```
.text, #text, p{  
    color:rgb(176, 133, 62)  
}
```

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(176, 133, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 133, 62) }
```

Border

The CSS property to change the border of an element to XYZ 27.1615, 26.3530, 8.2125 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(176, 133, 62) }
```


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

```
.border{ border-color:rgb(176, 133, 62) }
```

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

Here you see how a box with a 4 pixel rgb(176, 133, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 133, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 133, 62);  
box-shadow:4px 4px 4px 4px rgb(176, 133,  
62) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1615, 26.3530, 8.2125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 133, 62) }
```

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

```
.background{ background-color: rgb(176,  
133, 62) }
```

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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