

Converting Colors

XYZ(29.3888, 27.7256, 8.5379)

Have a look what the booklet for
XYZ(29.3888, 27.7256, 8.5379)
contains.

XYZ(29.4299, 27.7234, 8.5026)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.4299, 27.7234,
8.5026)**

Conversions

Conversions Part 1

Format	Color
Hex	B9863F
RGB	185, 134, 63
RGB Percent	73%, 53%, 25%
CMY	0.2745, 0.4745, 0.7529
CMYK	0.00, 0.28, 0.66, 0.27
HSL	35°, 49%, 49%
HSV	35°, 66%, 73%
XYZ	29.4299, 27.7234, 8.5026
YIQ	141.1550, 53.1870, -11.2690

Conversions

Conversions Part 2

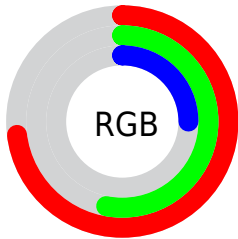
Format	Color
R_{YB}	151, 185, 63
Decimal	12158527
CIE _{Lab}	59.64, 12.24, 44.92
CIE _{LCh}	60, 46.561, 74.764
Yxy	27.7234, 0.4482, 0.4223
Android (android.graphics.Color)	4290348607 (0xFFB9863F)
YUV	141.1550, -38.5304, 38.4521
Hunter-Lab	52.6530, 7.6281, 27.2827

Details

The XYZ color **29.4299, 27.7234, 8.5026** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **16.8238, 16.5933, 48.2148**, and the grayscale version is **25.5108, 26.8394, 29.2281**.

A 20% lighter version of the original color is **58.0592, 55.9660, 23.3653**, and **12.2110, 11.1104, 1.8175** is the 20% darker color. If you saturate the color by 10%, you get **27.9673, 25.4913, 5.8789**, and if you desaturate by 10%, it is **31.1456, 30.1840, 12.0681**.

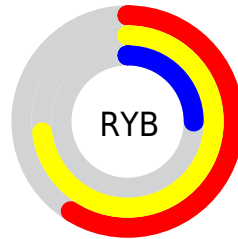
Distribution



Red (73%)

Green (53%)

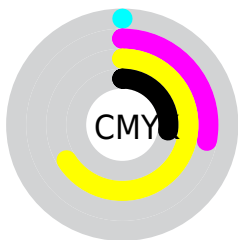
Blue (25%)



Red (59%)

Yellow (73%)

Blue (25%)

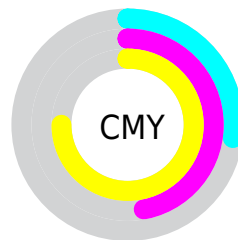


Cyan (0%)

Magenta (28%)

Yellow (66%)

Black (27%)



Cyan (27%)


Magenta (47%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.4299, 27.7234, 8.5026 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 29.4299, 27.7234, 8.5026 by changing the saturation by 10% instead.


 29.4299, 27.7234,
8.5026


 29.4299, 27.7234,
8.5026


291.1957,
291.1428, 189.7021


 19.5522, 18.1173,
4.3258

 58.1523, 56.0425,
23.5002


 12.1763, 11.0342,
1.8058


 77.7276, 75.5243,
35.1582


 6.9369, 6.0898,
0.4317


 101.2662, 99.0668,
50.1470

 3.4687, 2.8998,
0.0000

 129.1335,
127.0543, 68.8851

 1.4062, 1.0796,
0.0000

 161.6947,
159.8712, 91.7912

 0.2606, 0.0000,
0.0000

 199.3152,

 0.0000, 0.0000,

197.9021, 119.2836

0.0000

242.3605,
241.5311, 151.7811

■ 29.4299, 27.7234,
8.5026

■ 29.4299, 27.7234,
8.5026

■ 27.9673, 25.4913,
5.8789

■ 31.1456, 30.1840,
12.0681

■ 26.7361, 23.4731,
4.0990

■ 33.1299, 32.8786,
16.6571

■ 25.7119, 21.6574,
3.0406

■ 35.3989, 35.8172,
22.3439

■ 25.3354, 20.9701,
2.7123

■ 37.9667, 39.0078,
29.1957

■ 40.8464, 42.4582,
37.2740

■ 44.0502, 46.1755,
46.6362

■ 47.5897, 50.1665,
57.3358

■ 51.4757, 54.4378,
69.4234

■ 55.7186, 58.9957,
82.9469

Harmonies

Analogous

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



35.2063, 27.7234, 12.6626



29.4299, 27.7234, 8.5026



23.5767, 27.7234, 8.4730

Triad

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



29.4299, 27.7234, 8.5026



16.8716, 27.7234, 39.1979



35.1265, 27.7234, 59.4540

Complementary

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



29.4299, 27.7234, 8.5026



16.8238, 16.5933, 48.2148

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.



29.3332, 27.7234, 73.4876



29.4299, 27.7234, 8.5026



19.1198, 27.7234, 59.1583

Square

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



29.4299, 27.7234, 8.5026



16.8895, 27.7234, 22.4614



23.4933, 27.7234, 73.3628



38.8129, 27.7234, 39.5052

Rectangle

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



29.4299, 27.7234, 8.5026



20.4230, 27.7234, 10.6536



23.4933, 27.7234, 73.3628



33.3259, 27.7234, 65.3000

Sweetspot

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



29.4305, 27.7248, 8.5031



70.8257, 73.2768, 60.1408



24.9298, 15.1273, 18.0885



14.9613, 15.4278, 12.1063



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



29.4305, 27.7248, 8.5031



49.0824, 44.0379, 8.9691



36.3471, 44.3881, 11.3549



9.4270, 9.8570, 9.5126



17.3245, 14.4254, 1.8713



0.6704, 0.6279, 0.0859

Inverse Universe

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



16.8238, 16.5933, 48.2148



24.9306, 22.7899, 85.2895



13.1429, 8.4027, 46.8279



8.8213, 9.3198, 11.4134



7.8541, 6.1678, 32.0296



0.3384, 0.3404, 1.1496

Previews

White Background



This preview shows how the XYZ color 29.4299, 27.7234, 8.5026 looks on a white background.

Color Contrast Check

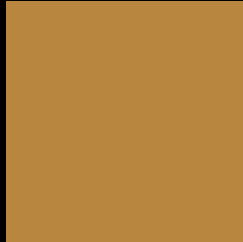
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4299, 27.7234, 8.5026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

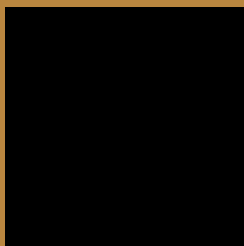
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.4299, 27.7234, 8.5026

Background



This preview shows how black text looks on a background with the XYZ color 29.4299, 27.7234, 8.5026.



This preview shows how white text looks on a background with the XYZ color 29.4299, 27.7234,

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

29.4299, 27.7234, 8.5026

Protanopia

25.4538, 27.8134, 9.1812

Deuteranopia

28.4056, 27.8228, 8.4306



Tritanopia

33.1400, 27.6464, 26.8822

Trichromacy



Original Color

29.4299, 27.7234, 8.5026

Protanomaly

26.6944, 27.5728, 8.9162

Deuteranomaly

28.7297, 27.7799, 8.4053

Tritanomaly

31.3496, 27.4960, 18.1230

Monochromacy



Original Color

29.4299, 27.7234, 8.5026

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.9737, 26.5373, 19.3760

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4299, 27.7234, 8.5026 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(185, 134, 63)` looks like.

```
.text, #text, p{  
    color:rgb(185, 134, 63)  
}
```

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(185, 134, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 134, 63) }
```

Border

The CSS property to change the border of an element to XYZ 29.4299, 27.7234, 8.5026 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(185, 134, 63) }
```


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

```
.border{ border-color:rgb(185, 134, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 134, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 134, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 134, 63);  
box-shadow:4px 4px 4px 4px rgb(185, 134,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4299, 27.7234, 8.5026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 134, 63) }
```

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

```
.background{ background-color: rgb(185,  
134, 63) }
```

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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