

Converting Colors

XYZ(29.5100, 27.6067, 9.5980)

Have a look what the booklet for
XYZ(29.5100, 27.6067, 9.5980)
contains.

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Color

**XYZ(29.5006, 27.5315,
9.5536)**

Conversions

Conversions Part 1

Format	Color
Hex	B98546
RGB	185, 133, 70
RGB Percent	73%, 52%, 27%
CMY	0.2745, 0.4784, 0.7255
CMYK	0.00, 0.28, 0.62, 0.27
HSL	33°, 45%, 50%
HSV	33°, 62%, 73%
XYZ	29.5006, 27.5315, 9.5536
YIQ	141.3660, 51.2150, -8.5690

Conversions

Conversions Part 2

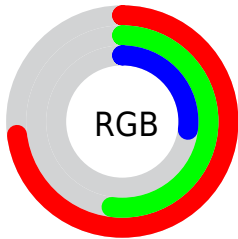
Format	Color
R_{YB}	165, 185, 70
Decimal	12158278
CIE _{Lab}	59.46, 13.26, 41.24
CIE _{LCh}	59, 43.316, 72.173
Yxy	27.5315, 0.4430, 0.4135
Android (android.graphics.Color)	4290348358 (0xFFB98546)
YUV	141.3660, -35.1834, 38.2670
Hunter-Lab	52.4705, 8.5352, 25.9341

Details

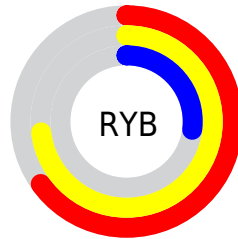
The XYZ color **29.5006, 27.5315, 9.5536** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **18.2419, 18.7231, 48.5512**, and the grayscale version is **25.5817, 26.9139, 29.3092**.

A 20% lighter version of the original color is **58.2573, 55.7070, 25.4513**, and **12.2078, 10.9840, 2.1862** is the 20% darker color. If you saturate the color by 10%, you get **27.9043, 25.1341, 6.5709**, and if you desaturate by 10%, it is **31.3693, 30.1860, 13.5150**.

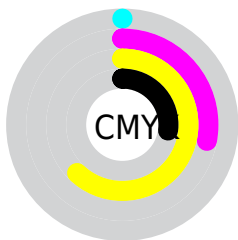
Distribution



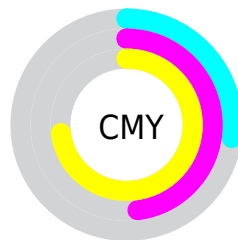
- Red (73%)
- Green (52%)
- Blue (27%)



- Red (65%)
- Yellow (73%)
- Blue (27%)



- Cyan (0%)
- Magenta (28%)
- Yellow (62%)
- Black (27%)





- Cyan (27%)
- Magenta (48%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.5006, 27.5315, 9.5536 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 29.5006, 27.5315, 9.5536 by changing the saturation by 10% instead.


 29.5006, 27.5315,
9.5536


 29.5006, 27.5315,
9.5536


291.5214,
290.2214, 197.8233

 19.6060, 17.9728,
5.0023


 58.2636, 55.7356,
25.5470


 12.2156, 10.9305,
2.1898


 77.8627, 75.1498,
37.8261


 6.9639, 6.0201,
0.6685


 101.4273, 98.6179,
53.5183

 3.4857, 2.8573,
0.0000

 129.3229,
126.5243, 73.0420

 1.4155, 1.0577,
0.0000

 161.9148,
159.2535, 96.8158

 0.2672, 0.0000,
0.0000

199.5682,

 0.0000, 0.0000,

197.1898, 125.2583

0.0000

242.6487,
240.7177, 158.7879

■ 29.5006, 27.5315,
9.5536

■ 29.5006, 27.5315,
9.5536

■ 27.9043, 25.1341,
6.5709

■ 31.3693, 30.1860,
13.5150

■ 26.5593, 22.9785,
4.4745

■ 33.5254, 33.1037,
18.5331

■ 25.4434, 21.0538,
3.1563

■ 35.9850, 36.2951,
24.6795

■ 24.6957, 19.6906,
2.4991

■ 38.7622, 39.7690,
32.0194

■ 41.8702, 43.5336,
40.6127

■ 45.3213, 47.5967,
50.5153

■ 49.1270, 51.9659,
61.7798

■ 53.2986, 56.6482,
74.4558

■ 57.8464, 61.6507,
88.5903

Harmonies

Analogous

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



34.7056, 27.5315, 14.0341



29.5006, 27.5315, 9.5536



24.0247, 27.5315, 9.2014

Triad

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



29.5006, 27.5315, 9.5536



17.2212, 27.5315, 36.7442



33.8328, 27.5315, 58.0917

Complementary

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



29.5006, 27.5315, 9.5536



18.2419, 18.7231, 48.5512

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.



28.4348, 27.5315, 69.8022



29.5006, 27.5315, 9.5536



19.1595, 27.5315, 54.9060

Square

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



29.5006, 27.5315, 9.5536



17.4239, 27.5315, 21.7136



23.0961, 27.5315, 68.4680



37.4353, 27.5315, 40.1090

Rectangle

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



29.5006, 27.5315, 9.5536



20.9866, 27.5315, 11.1051



23.0961, 27.5315, 68.4680



32.1387, 27.5315, 63.1324

Sweetspot

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



29.5012, 27.5329, 9.5541



70.9485, 73.0945, 61.5007



25.8149, 16.1416, 20.7138



14.9673, 15.3562, 12.3657



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.



29.5012, 27.5329, 9.5541



48.9452, 43.3945, 10.0609



37.5495, 44.9839, 12.4983



9.4014, 9.8057, 9.5041



16.8892, 13.5548, 1.7262



0.6563, 0.5997, 0.0812

Inverse Universe

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



18.2419, 18.7231, 48.5512



27.0981, 26.3429, 85.8611



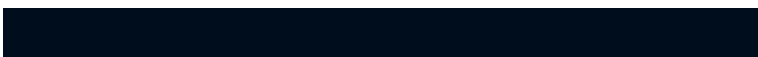
13.7585, 9.3326, 46.9750



8.8465, 9.3703, 11.4218



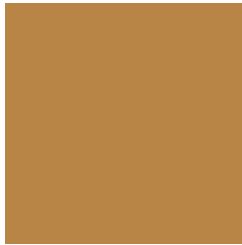
8.1736, 6.8068, 32.1361



0.3501, 0.3639, 1.1535

Previews

White Background



This preview shows how the XYZ color 29.5006, 27.5315, 9.5536 looks on a white background.

Color Contrast Check

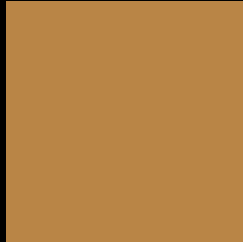
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5006, 27.5315, 9.5536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

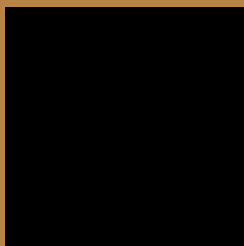
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.5006, 27.5315, 9.5536

Background



This preview shows how black text looks on a background with the XYZ color 29.5006, 27.5315, 9.5536.



This preview shows how white text looks on a background with the XYZ color 29.5006, 27.5315,

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

29.5006, 27.5315, 9.5536

Protanopia

25.2764, 27.6967, 10.3171

Deuteranopia

28.1513, 27.6681, 9.4870



Tritanopia

33.0692, 27.6181, 26.5096

Trichromacy



Original Color

29.5006, 27.5315, 9.5536

Protanomaly

26.6962, 27.5489, 10.0413

Deuteranomaly

28.7007, 27.7413, 9.4721

Tritanomaly

31.4585, 27.5396, 18.6966

Monochromacy



Original Color

29.5006, 27.5315, 9.5536

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.0876, 26.5829, 19.9757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5006, 27.5315, 9.5536 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, 133, 70)` looks like.

```
.text, #text, p{  
    color:rgb(185, 133, 70)  
}
```

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, 133, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 133, 70) }
```

Border

The CSS property to change the border of an element to XYZ 29.5006, 27.5315, 9.5536 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, 133, 70) }
```


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

```
.border{ border-color:rgb(185, 133, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 133, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 133, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 133, 70);  
box-shadow:4px 4px 4px 4px rgb(185, 133,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5006, 27.5315, 9.5536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 133, 70) }
```

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

```
.background{ background-color: rgb(185,  
133, 70) }
```

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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