

Converting Colors

XYZ(29.4532, 27.2567, 9.4070)

Have a look what the booklet for
XYZ(29.4532, 27.2567, 9.4070)
contains.

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Color

**XYZ(29.5751, 27.3713,
9.3546)**

Conversions

Conversions Part 1

Format	Color
Hex	BA8445
RGB	186, 132, 69
RGB Percent	73%, 52%, 27%
CMY	0.2706, 0.4823, 0.7294
CMYK	0.00, 0.29, 0.63, 0.27
HSL	32°, 46%, 50%
HSV	32°, 63%, 73%
XYZ	29.5751, 27.3713, 9.3546
YIQ	140.9640, 52.4070, -8.1450

Conversions

Conversions Part 2

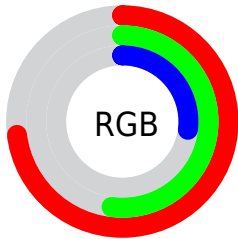
Format	Color
R_{YB}	169, 186, 69
Decimal	12223557
CIE _{Lab}	59.32, 14.18, 41.61
CIE _{LCh}	59, 43.955, 71.182
Yxy	27.3713, 0.4461, 0.4128
Android (android.graphics.Color)	4290413637 (0xFFBA8445)
YUV	140.9640, -35.4783, 39.4966
Hunter-Lab	52.3176, 9.3502, 26.0210

Details

The XYZ color **29.5751, 27.3713, 9.3546** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **18.3996, 18.9753, 49.1468**, and the grayscale version is **25.4243, 26.7483, 29.1289**.

A 20% lighter version of the original color is **58.3349, 55.4423, 25.0796**, and **12.2728, 10.9041, 2.1197** is the 20% darker color. If you saturate the color by 10%, you get **27.9693, 24.9435, 6.4037**, and if you desaturate by 10%, it is **31.4589, 30.0658, 13.2914**.

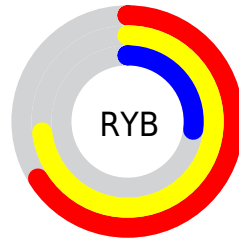
Distribution



Red (73%)

Green (52%)

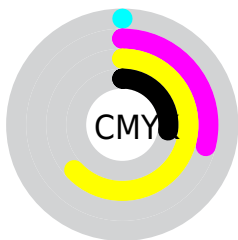
Blue (27%)



Red (66%)

Yellow (73%)

Blue (27%)

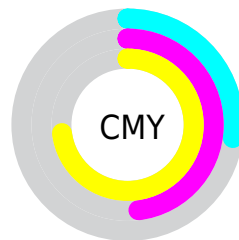


Cyan (0%)

Magenta (29%)

Yellow (63%)

Black (27%)



Cyan (27%)


Magenta (48%)


Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.5751, 27.3713, 9.3546 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 29.5751, 27.3713, 9.3546 by changing the saturation by 10% instead.


 29.5751, 27.3713,
9.3546


 29.5751, 27.3713,
9.3546


291.8643,
289.4504, 196.3160


 19.6628, 17.8523,
4.8732


 58.3808, 55.4791,
25.1628


 12.2570, 10.8440,
2.1156


 78.0049, 74.8367,
37.3268

 6.9924, 5.9620,
0.6251


 101.5970, 98.2426,
52.8887

 3.5036, 2.8220,
0.0000

 129.5224,
126.0812, 72.2670

 1.4253, 1.0395,
0.0000

 162.1465,
158.7368, 95.8804

 0.2742, 0.0000,
0.0000

199.8346,

 0.0000, 0.0000,

196.5940, 124.1473

0.0000

242.9521,
240.0371, 157.4864

■ 29.5751, 27.3713,
9.3546

■ 29.5751, 27.3713,
9.3546

■ 27.9693, 24.9435,
6.4037

■ 31.4589, 30.0658,
13.2914

■ 26.6198, 22.7667,
4.3438

■ 33.6364, 33.0335,
18.2939

■ 25.5037, 20.8291,
3.0638

■ 36.1239, 36.2854,
24.4354

■ 24.8222, 19.5843,
2.4719

■ 38.9361, 39.8308,
31.7822

■ 42.0865, 43.6782,
40.3956

■ 45.5876, 47.8358,
50.3323

■ 49.4516, 52.3116,
61.6461

■ 53.6895, 57.1128,
74.3874

■ 58.3124, 62.2469,
88.6042

Harmonies

Analogous

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



34.8065, 27.3713, 13.9868



29.5751, 27.3713, 9.3546



24.0196, 27.3713, 8.8811

Triad

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



29.5751, 27.3713, 9.3546



16.9651, 27.3713, 36.0655



33.6124, 27.3713, 58.8746

Complementary

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



29.5751, 27.3713, 9.3546



18.3996, 18.9753, 49.1468

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.



28.1192, 27.3713, 70.4413



29.5751, 27.3713, 9.3546



18.8455, 27.3713, 54.5013

Square

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



29.5751, 27.3713, 9.3546



17.2404, 27.3713, 21.0681



22.7538, 27.3713, 68.6068



37.3546, 27.3713, 40.6689

Rectangle

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



29.5751, 27.3713, 9.3546



20.9189, 27.3713, 10.6855



22.7538, 27.3713, 68.6068



31.8794, 27.3713, 63.9151

Sweetspot

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



29.5757, 27.3727, 9.3551



72.5517, 74.6345, 62.9395



25.9906, 16.1406, 20.6822



15.6266, 16.0040, 12.9136



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



29.5757, 27.3727, 9.3551



49.8299, 43.8447, 10.1899



37.9479, 45.5044, 12.4137



9.3944, 9.7917, 9.5018



16.7754, 13.3272, 1.6882



0.6526, 0.5922, 0.0799

Inverse Universe

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



18.3996, 18.9753, 49.1468



27.9978, 27.4753, 88.0290



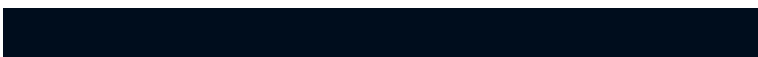
13.7313, 9.2142, 47.5088



8.8535, 9.3842, 11.4241



8.2662, 6.9922, 32.1670



0.3534, 0.3705, 1.1546

Previews

White Background



This preview shows how the XYZ color 29.5751, 27.3713, 9.3546 looks on a white background.

Color Contrast Check

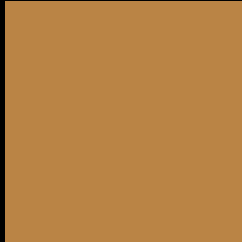
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5751, 27.3713, 9.3546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

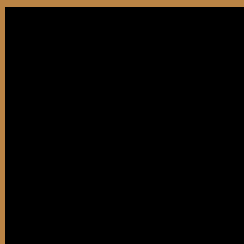
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.5751, 27.3713, 9.3546

Background



This preview shows how black text looks on a background with the XYZ color 29.5751, 27.3713, 9.3546.



This preview shows how white text looks on a background with the XYZ color 29.5751, 27.3713,

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

29.5751, 27.3713, 9.3546

Protanopia

25.1256, 27.3951, 10.2668

Deuteranopia

27.9790, 27.3728, 9.2777



Tritanopia

33.1225, 27.4648, 26.1097

Trichromacy



Original Color

29.5751, 27.3713, 9.3546

Protanomaly

26.5508, 27.2579, 9.9928

Deuteranomaly

28.5298, 27.4486, 9.2633

Tritanomaly

31.5199, 27.3829, 18.3760

Monochromacy



Original Color

29.5751, 27.3713, 9.3546

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 29.5751, 27.3713, 9.3546 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(186, 132, 69)` looks like.

```
.text, #text, p{  
    color:rgb(186, 132, 69)  
}
```

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(186, 132, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 132, 69) }
```

Border

The CSS property to change the border of an element to XYZ 29.5751, 27.3713, 9.3546 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(186, 132, 69) }
```


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

```
.border{ border-color:rgb(186, 132, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 132, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 132, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 132, 69);  
box-shadow:4px 4px 4px 4px rgb(186, 132,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5751, 27.3713, 9.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 132, 69) }
```

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

```
.background{ background-color: rgb(186,  
132, 69) }
```

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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