

Converting Colors

XYZ(29.1049, 27.2447, 9.0351)

Have a look what the booklet for
XYZ(29.1049, 27.2447, 9.0351)
contains.

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Color

**XYZ(29.1678, 27.3707,
9.0559)**

Conversions

Conversions Part 1

Format	Color
Hex	B88543
RGB	184, 133, 67
RGB Percent	72%, 52%, 26%
CMY	0.2784, 0.4784, 0.7372
CMYK	0.00, 0.28, 0.64, 0.28
HSL	34°, 47%, 49%
HSV	34°, 64%, 72%
XYZ	29.1678, 27.3707, 9.0559
YIQ	140.7250, 51.5820, -9.7140

Conversions

Conversions Part 2

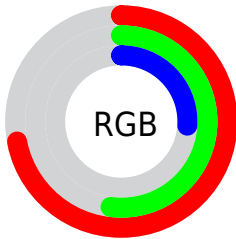
Format	Color
R_{YB}	157, 184, 67
Decimal	12092739
CIE _{Lab}	59.32, 12.62, 42.55
CIE _{LCh}	59, 44.385, 73.484
Yxy	27.3707, 0.4447, 0.4173
Android (android.graphics.Color)	4290282819 (0xFFB88543)
YUV	140.7250, -36.3464, 37.9522
Hunter-Lab	52.3170, 7.9626, 26.3590

Details

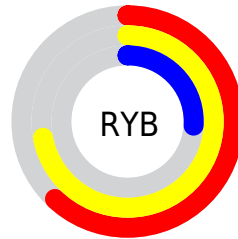
The XYZ color **29.1678, 27.3707, 9.0559** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.4444, 17.6099, 47.8267**, and the grayscale version is **25.3340, 26.6533, 29.0255**.

A 20% lighter version of the original color is **57.7319, 55.4569, 24.4911**, and **12.0239, 10.8931, 1.9992** is the 20% darker color. If you saturate the color by 10%, you get **27.6448, 25.0723, 6.2442**, and if you desaturate by 10%, it is **30.9513, 29.9097, 12.8200**.

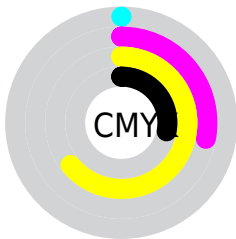
Distribution



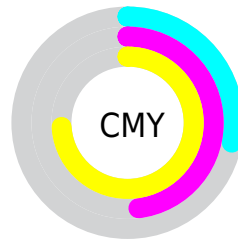
- Red (72%)
- Green (52%)
- Blue (26%)



- Red (62%)
- Yellow (72%)
- Blue (26%)



- Cyan (0%)
- Magenta (28%)
- Yellow (64%)
- Black (28%)





- Cyan (28%)
- Magenta (48%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.1678, 27.3707, 9.0559 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 29.1678, 27.3707, 9.0559 by changing the saturation by 10% instead.


 29.1678, 27.3707,
9.0559


 29.1678, 27.3707,
9.0559


289.9858,
289.4475, 194.0278


 19.3527, 17.8518,
4.6803


 57.7393, 55.4782,
24.5833

 12.0309, 10.8437,
2.0055


 77.2264, 74.8355,
36.5723

 6.8371, 5.9618,
0.5587


 100.6683, 98.2412,
51.9362

 3.4059, 2.8219,
0.0000

 128.4302,
126.0795, 71.0935

 1.3718, 1.0395,
0.0000

 160.8776,
158.7349, 94.4627

 0.2360, 0.0000,
0.0000

198.3757,

 0.0000, 0.0000,

196.5918, 122.4625

0.0000

241.2900,
240.0345, 155.5113

■ 29.1678, 27.3707,
9.0559

■ 29.1678, 27.3707,
9.0559

■ 27.6448, 25.0723,
6.2442

■ 30.9513, 29.9097,
12.8200

■ 26.3613, 22.9997,
4.2918

■ 33.0102, 32.6948,
17.6148

■ 25.2951, 21.1421,
3.0891

■ 35.3602, 35.7362,
23.5119

■ 24.6975, 20.0512,
2.5686

■ 38.0154, 39.0421,
30.5763

■ 40.9886, 42.6205,
38.8677

■ 44.2919, 46.4786,
48.4418

■ 47.9366, 50.6236,
59.3508

■ 51.9336, 55.0621,
71.6439

■ 56.2931, 59.8008,
85.3680

Harmonies

Analogous

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



34.5505, 27.3707, 13.3310



29.1678, 27.3707, 9.0559



23.6054, 27.3707, 8.8681

Triad

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



29.1678, 27.3707, 9.0559



16.9572, 27.3707, 37.5109



34.0705, 27.3707, 57.9281

Complementary

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



29.1678, 27.3707, 9.0559



17.4444, 17.6099, 47.8267

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.



28.5833, 27.3707, 70.4907



29.1678, 27.3707, 9.0559



19.0156, 27.3707, 56.1660

Square

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



29.1678, 27.3707, 9.0559



17.0672, 27.3707, 21.9315



23.0981, 27.3707, 69.7506



37.6448, 27.3707, 39.3608

Rectangle

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



29.1678, 27.3707, 9.0559



20.5609, 27.3707, 10.8899



23.0981, 27.3707, 69.7506



32.3573, 27.3707, 63.2460

Sweetspot

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



29.1684, 27.3721, 9.0564



71.1425, 73.4825, 61.5654



25.1433, 15.5524, 19.3350



15.0144, 15.4505, 12.3814



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.



29.1684, 27.3721, 9.0564



49.2080, 44.0191, 9.8433



36.5479, 44.1687, 11.9096



9.4136, 9.8302, 9.5082



17.0928, 13.9620, 1.7941



0.6630, 0.6130, 0.0834

Inverse Universe

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



17.4444, 17.6099, 47.8267



26.3367, 25.0299, 85.6478



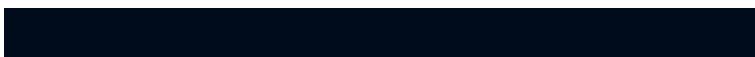
13.3953, 8.8858, 46.3562



8.8345, 9.3462, 11.4178



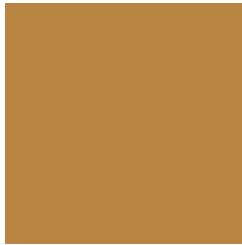
8.0176, 6.4948, 32.0841



0.3444, 0.3525, 1.1516

Previews

White Background



This preview shows how the XYZ color 29.1678, 27.3707, 9.0559 looks on a white background.

Color Contrast Check

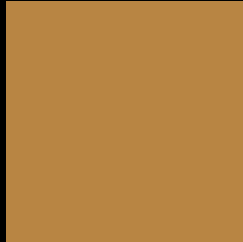
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1678, 27.3707, 9.0559 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 29.1678, 27.3707, 9.0559

Background



This preview shows how black text looks on a background with the XYZ color 29.1678, 27.3707, 9.0559.



This preview shows how white text looks on a background with the XYZ color 29.1678, 27.3707,

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

29.1678, 27.3707, 9.0559

Protanopia

25.0285, 27.3562, 9.7555

Deuteranopia

27.9190, 27.3488, 8.9616



Tritanopia

32.6931, 27.2353, 26.4555

Trichromacy



Original Color

29.1678, 27.3707, 9.0559

Protanomaly

26.2431, 27.1104, 9.4799

Deuteranomaly

28.4697, 27.4246, 8.9472

Tritanomaly

31.0272, 27.1289, 18.3529

Monochromacy



Original Color

29.1678, 27.3707, 9.0559

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

26.0304, 26.5600, 19.6742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1678, 27.3707, 9.0559 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(184, 133, 67)` looks like.

```
.text, #text, p{  
    color:rgb(184, 133, 67)  
}
```

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(184, 133, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 133, 67) }
```

Border

The CSS property to change the border of an element to XYZ 29.1678, 27.3707, 9.0559 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(184, 133, 67) }
```


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

```
.border{ border-color:rgb(184, 133, 67) }
```

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

Here you see how a box with a 4 pixel rgb(184, 133, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 133, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 133, 67);  
box-shadow:4px 4px 4px 4px rgb(184, 133,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1678, 27.3707, 9.0559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 133, 67) }
```

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

```
.background{ background-color: rgb(184,  
133, 67) }
```

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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