

Converting Colors

XYZ(29.6399, 29.4785, 17.9604)

Have a look what the booklet for
XYZ(29.6399, 29.4785, 17.9604)
contains.

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Color

**XYZ(29.7099, 29.5907,
18.0556)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8F6B
RGB	173, 143, 107
RGB Percent	68%, 56%, 42%
CMY	0.3216, 0.4392, 0.5804
CMYK	0.00, 0.17, 0.38, 0.32
HSL	33°, 29%, 55%
HSV	33°, 38%, 68%
XYZ	29.7099, 29.5907, 18.0556
YIQ	147.8660, 29.4360, -4.8360

Conversions

Conversions Part 2

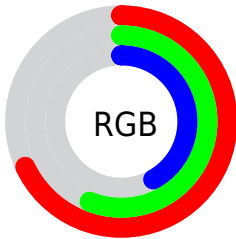
Format	Color
R_{YB}	162, 173, 107
Decimal	11374443
CIE _{Lab}	61.30, 6.14, 23.40
CIE _{LCh}	61, 24.189, 75.285
Yxy	29.5907, 0.3841, 0.3825
Android (android.graphics.Color)	4289564523 (0xFFAD8F6B)
YUV	147.8660, -20.1469, 22.0425
Hunter-Lab	54.3973, 2.2951, 18.3986

Details

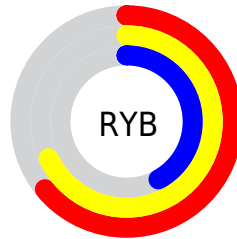
The XYZ color **29.7099, 29.5907, 18.0556** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **22.5516, 24.0335, 42.9855**, and the grayscale version is **28.1658, 29.6326, 32.2699**.

A 20% lighter version of the original color is **58.8574, 59.2587, 41.1368**, and **12.3115, 12.0664, 5.8178** is the 20% darker color. If you saturate the color by 10%, you get **27.7502, 26.9849, 13.3524**, and if you desaturate by 10%, it is **31.9360, 32.4376, 23.7467**.

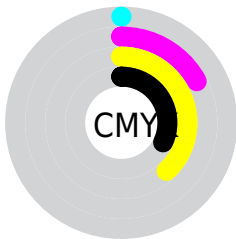
Distribution



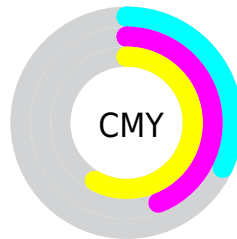
- Red (68%)
- Green (56%)
- Blue (42%)



- Red (64%)
- Yellow (68%)
- Blue (42%)



- Cyan (0%)
- Magenta (17%)
- Yellow (38%)
- Black (32%)



- Cyan (32%)
- Magenta (44%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7099, 29.5907, 18.0556 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 29.7099, 29.5907, 18.0556 by changing the saturation by 10% instead.

■ 29.7099, 29.5907,
18.0556

■ 29.7099, 29.5907,
18.0556

292.4840,
299.9919, 253.4309

■ 19.7655, 19.5281,
10.8201

■ 58.5929, 59.0143,
40.9473

■ 12.3320, 12.0525,
5.8333

■ 78.2622, 79.1441,
57.4405

■ 7.0440, 6.7794,
2.6768

■ 101.9037,
103.3984, 77.8566

■ 3.5362, 3.3246,
0.9317

■ 129.8830,
132.1617, 102.6143

■ 1.4432, 1.3034,
0.0000

162.5653,
165.8183, 132.1320

■ 0.2867, 0.1439,
0.0000

200.3160,

■ 0.0000, 0.0000,

204.7526, 166.8283

0.0000

243.5005,
249.3490, 207.1218

■ 29.7099, 29.5907,
18.0556

■ 29.7099, 29.5907,
18.0556

■ 27.7502, 26.9849,
13.3524

■ 31.9360, 32.4376,
23.7467

■ 26.0419, 24.6084,
9.5771

■ 34.4379, 35.5287,
30.4772

■ 24.5721, 22.4541,
6.6662

■ 37.2272, 38.8723,
38.2970

■ 23.3253, 20.5131,
4.5470

■ 40.3141, 42.4750,
47.2525

■ 22.2837, 18.7752,
3.1350

■ 43.7084, 46.3431,
57.3872

■ 21.4184, 17.2258,
2.2880

■ 47.4191, 50.4825,
68.7424

■ 21.2696, 16.9563,
2.1519

■ 51.4552, 54.8991,
81.3572

■ 55.8250, 59.5985,
95.2692

■ 59.2715, 64.0801,
103.8525

Harmonies

Analogous

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



32.6588, 29.5907, 21.2914



29.7099, 29.5907, 18.0556



26.5409, 29.5907, 18.0863

Triad

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



29.7099, 29.5907, 18.0556



22.6203, 29.5907, 37.0689



32.7065, 29.5907, 46.2057

Complementary

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



29.7099, 29.5907, 18.0556



22.5516, 24.0335, 42.9855

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.



29.7711, 29.5907, 52.2778



29.7099, 29.5907, 18.0556



24.0316, 29.5907, 46.3630

Square

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



29.7099, 29.5907, 18.0556



22.6066, 29.5907, 27.9654



26.5976, 29.5907, 52.3403



34.4756, 29.5907, 36.8840

Rectangle

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



29.7099, 29.5907, 18.0556



24.7329, 29.5907, 19.9157



26.5976, 29.5907, 52.3403



31.8140, 29.5907, 48.7661

Sweetspot

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



29.7106, 29.5921, 18.0562



65.0967, 67.7480, 64.1154



27.0645, 21.2291, 26.6404



14.0039, 14.5523, 13.5307



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



29.7106, 29.5921, 18.0562



50.1449, 48.9327, 24.9478



34.3486, 39.5842, 19.7404



8.3536, 8.7121, 8.4547



15.6834, 12.5723, 1.6001



0.4901, 0.4573, 0.0624

Inverse Universe

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



22.5516, 24.0335, 42.9855



35.4380, 37.5197, 76.1800



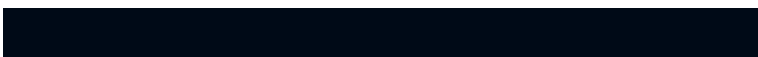
19.1321, 16.7968, 41.7689



7.8675, 8.3343, 10.1467



7.6314, 6.3966, 29.8770



0.2674, 0.2881, 0.8495

Previews

White Background



This preview shows how the XYZ color 29.7099, 29.5907, 18.0556 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 29.7099, 29.5907, 18.0556 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 29.7099, 29.5907, 18.0556

Background



This preview shows how black text looks on a background with the XYZ color 29.7099, 29.5907, 18.0556.



This preview shows how white text looks on a background with the XYZ color 29.7099, 29.5907,

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

29.7099, 29.5907, 18.0556

Protanopia

27.6483, 29.6549, 18.7347

Deuteranopia

30.2313, 29.6376, 18.0372



Tritanopia

32.5652, 29.6622, 32.0260

Trichromacy



Original Color

29.7099, 29.5907, 18.0556

Protanomaly

28.2955, 29.5330, 18.3965

Deuteranomaly

30.0060, 29.5215, 18.0266

Tritanomaly

31.5162, 29.6797, 26.2580

Monochromacy



Original Color

29.7099, 29.5907, 18.0556

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.4171, 29.4193, 26.3711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7099, 29.5907, 18.0556 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(173, 143, 107)` looks like.

```
.text, #text, p{  
    color:rgb(173, 143, 107)  
}
```

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(173, 143, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 143, 107) }
```

Border

The CSS property to change the border of an element to XYZ 29.7099, 29.5907, 18.0556 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(173, 143, 107) }
```


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

```
.border{ border-color:rgb(173, 143, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 143, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 143, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 143, 107);  
box-shadow:4px 4px 4px 4px rgb(173, 143,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7099, 29.5907, 18.0556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 143, 107) }
```

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

```
.background{ background-color: rgb(173,  
143, 107) }
```

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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