

Converting Colors

XYZ(30.3410, 28.3837, 9.1838)

Have a look what the booklet for
XYZ(30.3410, 28.3837, 9.1838)
contains.

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Color

**XYZ(30.4161, 28.4246,
9.1936)**

Conversions

Conversions Part 1

Format	Color
Hex	BC8743
RGB	188, 135, 67
RGB Percent	74%, 53%, 26%
CMY	0.2627, 0.4706, 0.7372
CMYK	0.00, 0.28, 0.64, 0.26
HSL	34°, 47%, 50%
HSV	34°, 64%, 74%
XYZ	30.4161, 28.4246, 9.1936
YIQ	143.0950, 53.4160, -9.9120

Conversions

Conversions Part 2

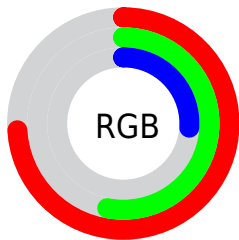
Format	Color
RYB	161, 188, 67
Decimal	12355395
CIELab	60.27, 13.25, 43.76
CIElCh	60, 45.720, 73.157
Yxy	28.4246, 0.4471, 0.4178
Android (android.graphics.Color)	4290545475 (0xFFBC8743)
YUV	143.0950, -37.5148, 39.3817
Hunter-Lab	53.3147, 8.5336, 27.0963

Details

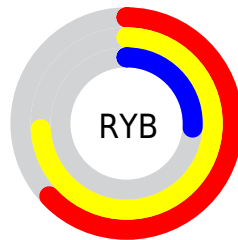
The XYZ color **30.4161, 28.4246, 9.1936** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **18.1079, 18.2561, 50.1459**, and the grayscale version is **26.2773, 27.6457, 30.1062**.

A 20% lighter version of the original color is **59.5519, 57.0250, 24.6978**, and **12.7097, 11.3628, 2.0537** is the 20% darker color. If you saturate the color by 10%, you get **28.8364, 26.0261, 6.3219**, and if you desaturate by 10%, it is **32.2690, 31.0768, 13.0600**.

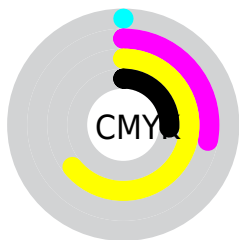
Distribution



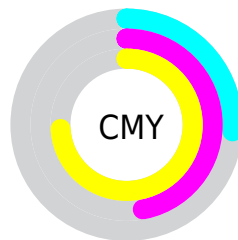
- Red (74%)
- Green (53%)
- Blue (26%)



- Red (63%)
- Yellow (74%)
- Blue (26%)



- Cyan (0%)
- Magenta (28%)
- Yellow (64%)
- Black (26%)





- Cyan (26%)
- Magenta (47%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.4161, 28.4246, 9.1936 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 30.4161, 28.4246, 9.1936 by changing the saturation by 10% instead.


 30.4161, 28.4246,
9.1936


 30.4161, 28.4246,
9.1936


295.7143,
294.4903, 195.0866


 20.3043, 18.6460,
4.7691


 59.7017, 57.1616,
24.8509


 12.7260, 11.4147,
2.0561


 79.6062, 76.8888,
36.9209


 7.3158, 6.3465,
0.5895


 103.5057,
100.7010, 52.3764

 3.7085, 3.0569,
0.0000

 131.7654,
128.9825, 71.6360

 1.5386, 1.1615,
0.0000

 164.7508,
162.1178, 95.1183

 0.3518, 0.0299,
0.0000

202.8271,

 0.0000, 0.0000,

200.4913, 123.2418

0.0000

246.3599,
244.4873, 156.4251

■ 30.4161, 28.4246,
9.1936

■ 30.4161, 28.4246,
9.1936

■ 28.8364, 26.0261,
6.3219

■ 32.2690, 31.0768,
13.0600

■ 27.5076, 23.8658,
4.3454

■ 34.4112, 33.9889,
18.0044

■ 26.4057, 21.9320,
3.1462

■ 36.8593, 37.1716,
24.1032

■ 25.8579, 20.9294,
2.6769

■ 39.6283, 40.6338,
31.4252

■ 42.7317, 44.3839,
40.0337

■ 46.1824, 48.4296,
49.9879

■ 49.9925, 52.7785,
61.3430

■ 54.1734, 57.4378,
74.1511

■ 58.7361, 62.4143,
88.4618

Harmonies

Analogous

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



36.1017, 28.4246, 13.7036



30.4161, 28.4246, 9.1936



24.5314, 28.4246, 8.9564

Triad

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



30.4161, 28.4246, 9.1936



17.4600, 28.4246, 38.8945



35.4834, 28.4246, 60.9761

Complementary

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



30.4161, 28.4246, 9.1936



18.1079, 18.2561, 50.1459

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.



29.6645, 28.4246, 74.2272



30.4161, 28.4246, 9.1936



19.6001, 28.4246, 58.6978

Square

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



30.4161, 28.4246, 9.1936



17.6007, 28.4246, 22.5066



23.8806, 28.4246, 73.2686



39.3048, 28.4246, 41.2770

Rectangle

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



30.4161, 28.4246, 9.1936



21.3088, 28.4246, 11.0272



23.8806, 28.4246, 73.2686



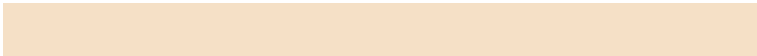
33.6626, 28.4246, 66.6046

Sweetspot

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



30.4168, 28.4260, 9.1941



74.5838, 77.0092, 64.5337



26.2250, 16.0974, 19.9593



15.6978, 16.1464, 12.9373



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.



30.4168, 28.4260, 9.1941



51.2710, 45.5915, 9.8783



38.2757, 46.3103, 12.2320



9.9629, 10.4019, 10.0593



17.6806, 14.4001, 1.8476



0.7566, 0.6922, 0.0937

Inverse Universe

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



18.1079, 18.2561, 50.1459



27.3113, 25.8548, 89.7772



13.8359, 9.0639, 48.5968



9.3510, 9.8944, 12.0892



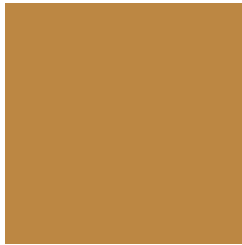
8.3233, 6.7584, 33.2587



0.3912, 0.3951, 1.3245

Previews

White Background



This preview shows how the XYZ color 30.4161, 28.4246, 9.1936 looks on a white background.

Color Contrast Check

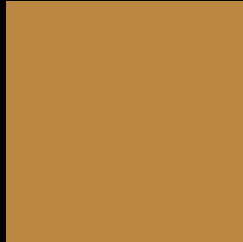
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.4161, 28.4246, 9.1936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

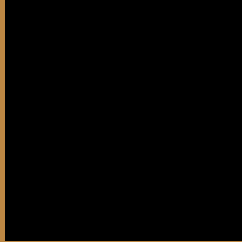
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.4161, 28.4246, 9.1936

Background



This preview shows how black text looks on a background with the XYZ color 30.4161, 28.4246, 9.1936.



This preview shows how white text looks on a background with the XYZ color 30.4161, 28.4246,

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

30.4161, 28.4246, 9.1936

Protanopia

26.0823, 28.5770, 9.9356

Deuteranopia

29.0384, 28.5619, 9.1368



Tritanopia

34.0970, 28.3223, 27.3366

Trichromacy



Original Color

30.4161, 28.4246, 9.1936

Protanomaly

27.5418, 28.4336, 9.6669

Deuteranomaly

29.6003, 28.6376, 9.1218

Tritanomaly

32.3931, 28.2115, 19.0673

Monochromacy



Original Color

30.4161, 28.4246, 9.1936

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.7707, 27.3649, 20.0906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4161, 28.4246, 9.1936 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(188, 135, 67)` looks like.

```
.text, #text, p{  
    color:rgb(188, 135, 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(188, 135, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 135, 67) }
```

Border

The CSS property to change the border of an element to XYZ 30.4161, 28.4246, 9.1936 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(188, 135, 67) }
```


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

```
.border{ border-color:rgb(188, 135, 67) }
```

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

Here you see how a box with a 4 pixel rgb(188, 135, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 135, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 135, 67);  
box-shadow:4px 4px 4px 4px rgb(188, 135,  
67) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4161, 28.4246, 9.1936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 135, 67) }
```

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

```
.background{ background-color: rgb(188,  
135, 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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