

Converting Colors

XYZ(30.5143, 29.9660, 9.8060)

Have a look what the booklet for
XYZ(30.5143, 29.9660, 9.8060)
contains.

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Color

**XYZ(30.5143, 29.9660,
9.8060)**

Conversions

Conversions Part 1

Format	Color
Hex	B88E45
RGB	184, 142, 69
RGB Percent	72%, 56%, 27%
CMY	0.2784, 0.4431, 0.7294
CMYK	0.00, 0.23, 0.62, 0.28
HSL	38°, 45%, 50%
HSV	38°, 62%, 72%
XYZ	30.5143, 29.9660, 9.8060
YIQ	146.2360, 48.4650, -13.7990

Conversions

Conversions Part 2

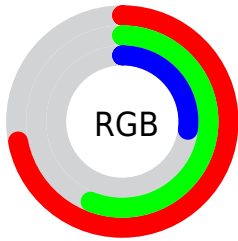
Format	Color
R_{YB}	135, 184, 69
Decimal	12095045
CIE Lab	61.62, 7.78, 44.19
CIE LCh	62, 44.867, 80.018
Yxy	29.9660, 0.4341, 0.4263
Android (android.graphics.Color)	4290285125 (0xFFB88E45)
YUV	146.2360, -38.0773, 33.1190
Hunter-Lab	54.7412, 3.7038, 27.6980

Details

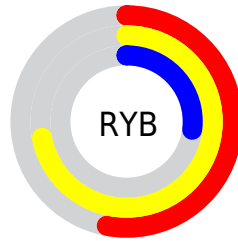
The XYZ color **30.5143, 29.9660, 9.8060** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **16.7901, 16.0941, 47.5686**, and the grayscale version is **27.5566, 28.9917, 31.5720**.

A 20% lighter version of the original color is **60.0922, 59.8906, 26.1621**, and **12.8384, 12.2872, 2.2673** is the 20% darker color. If you saturate the color by 10%, you get **29.0597, 27.8336, 6.9270**, and if you desaturate by 10%, it is **32.2077, 32.2927, 13.6388**.

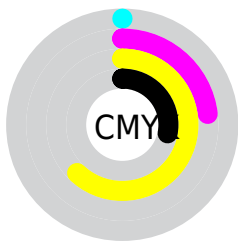
Distribution



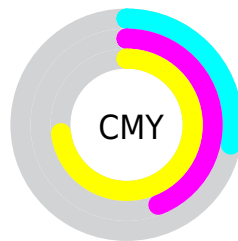
- Red (72%)
- Green (56%)
- Blue (27%)



- Red (53%)
- Yellow (72%)
- Blue (27%)



- Cyan (0%)
- Magenta (23%)
- Yellow (62%)
- Black (28%)





- Cyan (28%)
- Magenta (44%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.5143, 29.9660, 9.8060 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 30.5143, 29.9660, 9.8060 by changing the saturation by 10% instead.


 30.5143, 29.9660,
9.8060


 30.5143, 29.9660,
9.8060


296.1614,
301.7459, 199.7160


 20.3793, 19.8128,
5.1666


 59.8556, 59.6084,
26.0320


 12.7809, 12.2590,
2.2849


 79.7927, 79.8664,
38.4558


 7.3538, 6.9203,
0.7227


 103.7277,
104.2614, 54.3114

 3.7326, 3.4123,
0.0000

 132.0262,
133.1779, 74.0173

 1.5520, 1.3506,
0.0000

 165.0535,
167.0001, 97.9923

 0.3608, 0.1799,
0.0000

203.1749,

 0.0000, 0.0000,

206.1127, 126.6547

0.0000

246.7557,
250.8998, 160.4231

■ 30.5143, 29.9660,
9.8060

■ 30.5143, 29.9660,
9.8060

■ 29.0597, 27.8336,
6.9270

■ 32.2077, 32.2927,
13.6388

■ 27.8238, 25.8822,
4.9103

■ 34.1535, 34.8173,
18.5021

■ 26.7857, 24.1030,
3.6491

■ 36.3669, 37.5487,
24.4667

■ 26.1058, 22.8679,
3.0380

■ 38.8609, 40.4934,
31.5967

■ 41.6475, 43.6581,
39.9509

■ 44.7381, 47.0485,
49.5846

■ 48.1433, 50.6706,
60.5493

■ 51.8734, 54.5298,
72.8939

■ 55.9378, 58.6312,
86.6646

Harmonies

Analogous

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



36.4965, 29.9660, 13.3897



30.5143, 29.9660, 9.8060



24.7368, 29.9660, 10.4879

Triad

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



30.5143, 29.9660, 9.8060



19.0156, 29.9660, 45.1995



38.1944, 29.9660, 58.5803

Complementary

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



30.5143, 29.9660, 9.8060



16.7901, 16.0941, 47.5686

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.



32.5869, 29.9660, 74.1910



30.5143, 29.9660, 9.8060



21.7358, 29.9660, 64.7840

Square

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



30.5143, 29.9660, 9.8060



18.6220, 29.9660, 27.2642



26.5416, 29.9660, 76.7902



41.3221, 29.9660, 38.6525

Rectangle

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



30.5143, 29.9660, 9.8060



21.7310, 29.9660, 13.3972



26.5416, 29.9660, 76.7902



36.5032, 29.9660, 64.7626

Sweetspot

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



30.5150, 29.9675, 9.8066



71.9947, 75.1870, 61.8494



24.7738, 15.5982, 16.7925



15.2218, 15.8653, 12.4506



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.



30.5150, 29.9675, 9.8066



51.7928, 49.0898, 11.0101



34.5053, 43.1086, 12.1328



9.4670, 9.9369, 9.5259



18.0612, 15.8989, 2.1169



0.6934, 0.6740, 0.0935

Inverse Universe

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



16.7901, 16.0941, 47.5686



24.9492, 22.0450, 85.1447



14.4662, 9.6175, 46.4410



8.7825, 9.2421, 11.4005



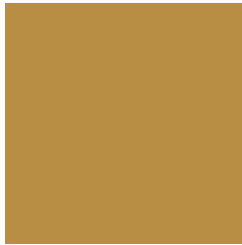
7.4161, 5.2919, 31.8836



0.3214, 0.3064, 1.1440

Previews

White Background



This preview shows how the XYZ color 30.5143, 29.9660, 9.8060 looks on a white background.

Color Contrast Check

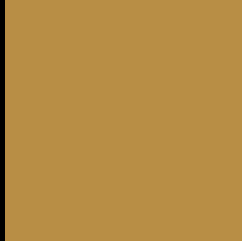
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.5143, 29.9660, 9.8060 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 30.5143, 29.9660, 9.8060

Background



This preview shows how black text looks on a background with the XYZ color 30.5143, 29.9660, 9.8060.



This preview shows how white text looks on a background with the XYZ color 30.5143, 29.9660,

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

30.5143, 29.9660, 9.8060

Protanopia

27.4018, 29.9492, 10.2978

Deuteranopia

30.5143, 29.9660, 9.8060



Tritanopia

34.7943, 30.0110, 30.3444

Trichromacy



Original Color

30.5143, 29.9660, 9.8060

Protanomaly

28.3976, 29.7706, 10.0439

Deuteranomaly

30.5143, 29.9660, 9.8060

Tritanomaly

32.8956, 29.8670, 20.8608

Monochromacy



Original Color

30.5143, 29.9660, 9.8060

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.8926, 29.0324, 21.2733

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5143, 29.9660, 9.8060 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, 142, 69)` looks like.

```
.text, #text, p{  
    color:rgb(184, 142, 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(184, 142, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 142, 69) }
```

Border

The CSS property to change the border of an element to XYZ 30.5143, 29.9660, 9.8060 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, 142, 69) }
```


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

```
.border{ border-color:rgb(184, 142, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 142, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 142, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 142, 69);  
box-shadow:4px 4px 4px 4px rgb(184, 142,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5143, 29.9660, 9.8060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 142, 69) }
```

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

```
.background{ background-color: rgb(184,  
142, 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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