

Converting Colors

XYZ(10.5532, 26.9299, 17.3570)

Have a look what the booklet for
XYZ(10.5532, 26.9299, 17.3570)
contains.

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Color

**XYZ(17.2007, 30.4843,
17.8095)**

Conversions

Conversions Part 1

Format	Color
Hex	00AC67
RGB	0, 172, 103
RGB Percent	0%, 67%, 40%
CMY	1.0000, 0.3255, 0.5961
CMYK	1.00, 0.00, 0.40, 0.33
HSL	156°, 100%, 34%
HSV	156°, 100%, 67%
XYZ	17.2007, 30.4843, 17.8095
YIQ	112.7060, -80.3630, -57.9230

Conversions

Conversions Part 2

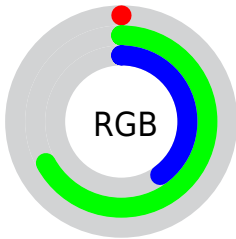
Format	Color
RYB	0, 108, 172
Decimal	44135
CIELab	62.07, -53.69, 25.23
CIELCh	62, 59.322, 154.834
Yxy	30.4843, 0.2626, 0.4654
Android (android.graphics.Color)	4278234215 (0xFF00AC67)
YUV	112.7060, -4.7851, -98.8432
Hunter-Lab	55.2126, -41.0129, 19.5241

Details

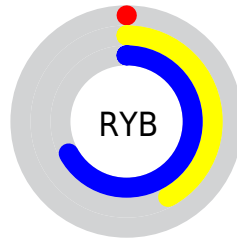
The XYZ color **17.2007, 30.4843, 17.8095** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **18.0885, 9.2010, 6.4546**, and the grayscale version is **15.6410, 16.4555, 17.9201**.

A 20% lighter version of the original color is **38.3493, 60.6805, 40.7016**, and **7.1680, 13.2327, 5.7908** is the 20% darker color. If you saturate the color by 10%, you get **17.2012, 30.4854, 17.8091**, and if you desaturate by 10%, it is **17.7972, 30.7509, 19.7216**.

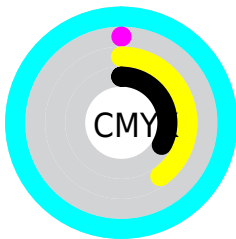
Distribution



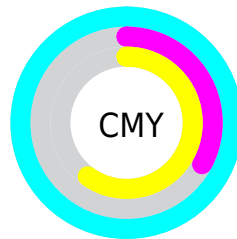
- Red (0%)
- Green (67%)
- Blue (40%)



- Red (0%)
- Yellow (42%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.2007, 30.4843, 17.8095 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 17.2007, 30.4843, 17.8095 by changing the saturation by 10% instead.

■ 17.2007, 30.4843,
17.8095

■ 17.2007, 30.4843,
17.8095

■ 229.4601,
304.1554, 251.9950

■ 10.4739, 20.2065,
10.6453

■ 38.2114, 60.4272,
40.5220

■ 5.7789, 12.5452,
5.7177

■ 53.2260, 80.8611,
56.9074

■ 2.7505, 7.1161,
2.6082

■ 71.7338, 105.4492,
77.2035

■ 1.0232, 3.5348,
0.8967

■ 94.1004, 134.5758,
101.8290

■ 0.0000, 1.4169,
0.0000

■ 120.6909,
168.6253, 131.2023

■ 0.0000, 0.2291,
0.0000

■ 151.8708,

■ 0.0000, 0.0000,

207.9821, 165.7421

0.0000

188.0054,
253.0307, 205.8668

■ 17.2007, 30.4843,
17.8095

■ 17.2007, 30.4843,
17.8095

■ 17.2012, 30.4854,
17.8091

■ 17.7972, 30.7509,
19.7216

■ 18.6257, 31.1330,
21.7966

■ 19.7687, 31.6737,
24.0424

■ 21.2639, 32.3924,
26.4639

■ 23.1435, 33.3058,
29.0660

■ 25.4360, 34.4283,
31.8528

■ 28.1668, 35.7730,
34.8287

■ 31.3596, 37.3521,
37.9976

■ 35.0359, 39.1767,
41.3634

Harmonies

Analogous

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



21.0735, 30.4843, 8.6303



17.2007, 30.4843, 17.8095



16.2307, 30.4843, 37.0295

Triad

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



17.2007, 30.4843, 17.8095



30.2850, 30.4843, 98.9353



43.4596, 30.4843, 13.9059

Complementary

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



17.2007, 30.4843, 17.8095



18.0885, 9.2010, 6.4546

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.



47.0824, 30.4843, 29.6296



17.2007, 30.4843, 17.8095



38.6381, 30.4843, 83.8148

Square

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



17.2007, 30.4843, 17.8095



22.9346, 30.4843, 90.8614



45.1737, 30.4843, 55.5697



35.9912, 30.4843, 7.2097

Rectangle

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



17.2007, 30.4843, 17.8095



17.1742, 30.4843, 55.2456



45.1737, 30.4843, 55.5697



45.2242, 30.4843, 17.9620

Sweetspot

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



17.2015, 30.4855, 17.8102



50.8066, 64.7520, 62.8799



17.4013, 30.8714, 5.0419



10.5856, 13.8473, 13.1801



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.



17.2015, 30.4855, 17.8102



31.0925, 55.2583, 31.7186



19.6175, 27.3201, 43.2705



8.0982, 9.0168, 9.5422



12.8277, 22.6963, 13.3981



0.3829, 0.6418, 0.5101

Inverse Universe

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



18.0885, 9.2010, 6.4546



32.7112, 16.6499, 11.1683



17.1756, 9.0944, 0.8504



8.1334, 8.0666, 9.0132



13.4858, 6.8569, 4.9375



0.4026, 0.2017, 0.2821

Previews

White Background



This preview shows how the XYZ color 17.2007, 30.4843, 17.8095 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 17.2007, 30.4843, 17.8095 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 ✓ Pass

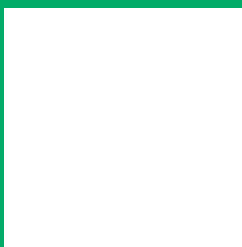
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 17.2007, 30.4843, 17.8095

Background



This preview shows how black text looks on a background with the XYZ color 17.2007, 30.4843, 17.8095.



This preview shows how white text looks on a background with the XYZ color 17.2007, 30.4843,

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

17.2007, 30.4843, 17.8095

Protanopia

27.6681, 29.9844, 14.9190

Deuteranopia

30.5414, 30.0008, 18.9329



Tritanopia

23.0196, 30.3928, 46.2481

Trichromacy



Original Color

17.2007, 30.4843, 17.8095



Protanomaly

19.8082, 27.8606, 15.6429



Deuteranomaly

20.8915, 27.6175, 18.1395



Tritanomaly

19.9779, 29.9058, 33.5736

Monochromacy



Original Color

17.2007, 30.4843, 17.8095



Achromatopsia

15.6958, 16.5132, 17.9829



Achromatomaly

13.9579, 19.5320, 17.5024

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2007, 30.4843, 17.8095 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(0, 172, 103)` looks like.

```
.text, #text, p{  
    color:rgb(0, 172, 103)  
}
```

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(0, 172, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 172, 103) }
```

Border

The CSS property to change the border of an element to XYZ 17.2007, 30.4843, 17.8095 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(0, 172, 103) }
```


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

```
.border{ border-color:rgb(0, 172, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 172, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 172, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 172, 103);  
box-shadow:4px 4px 4px 4px rgb(0, 172,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2007, 30.4843, 17.8095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 172, 103) }
```

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

```
.background{ background-color: rgb(0, 172,  
103) }
```

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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