

Converting Colors

XYZ(17.0171, 30.7167, 15.8977)

Have a look what the booklet for
XYZ(17.0171, 30.7167, 15.8977)
contains.

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Color

**XYZ(17.0091, 30.7134,
15.8583)**

Conversions

Conversions Part 1

Format	Color
Hex	00AD5F
RGB	0, 173, 95
RGB Percent	0%, 68%, 37%
CMY	1.0000, 0.3216, 0.6274
CMYK	1.00, 0.00, 0.45, 0.32
HSL	153°, 100%, 34%
HSV	153°, 100%, 68%
XYZ	17.0091, 30.7134, 15.8583
YIQ	112.3810, -78.0700, -60.9340

Conversions

Conversions Part 2

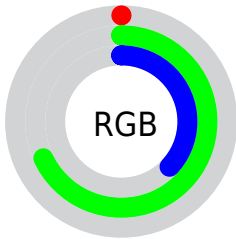
Format	Color
RYB	0, 112, 173
Decimal	44383
CIELab	62.26, -55.59, 29.71
CIElCh	62, 63.028, 151.874
Yxy	30.7134, 0.2675, 0.4831
Android (android.graphics.Color)	4278234463 (0xFF00AD5F)
YUV	112.3810, -8.5688, -98.5581
Hunter-Lab	55.4197, -42.2002, 21.8280

Details

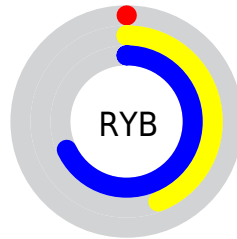
The XYZ color **17.0091, 30.7134, 15.8583** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **18.6096, 9.4348, 8.0488**, and the grayscale version is **15.5548, 16.3648, 17.8213**.

A 20% lighter version of the original color is **37.8988, 60.9443, 36.9601**, and **7.1099, 13.3989, 4.9008** is the 20% darker color. If you saturate the color by 10%, you get **17.0098, 30.7146, 15.8586**, and if you desaturate by 10%, it is **17.6191, 30.9856, 17.8322**.

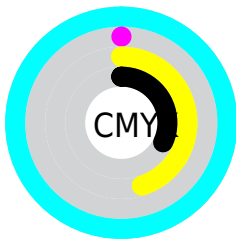
Distribution



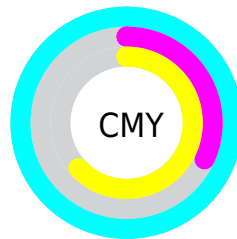
- Red (0%)
- Green (68%)
- Blue (37%)



- Red (0%)
- Yellow (44%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (45%)
- Black (32%)





- Cyan (100%)
- Magenta (32%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.0091, 30.7134, 15.8583 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 17.0091, 30.7134, 15.8583 by changing the saturation by 10% instead.


 17.0091, 30.7134,
15.8583


 17.0091, 30.7134,
15.8583


228.3800,
305.2158, 240.3212


 10.3363, 20.3807,
9.2707

 37.8849, 60.7886,
37.1154


 5.6865, 12.6721,
4.8189


 52.8186, 81.2998,
52.6219

 2.6942, 7.2031,
2.0845


 71.2367, 105.9727,
71.9385

 0.9942, 3.5895,
0.6065

 93.5045, 135.1917,
95.4837

 0.0000, 1.4467,
0.0000

 119.9874,
169.3411, 123.6760

 0.0000, 0.2507,
0.0000

 151.0507,

 0.0000, 0.0000,

208.8053, 156.9340

0.0000

187.0598,
253.9687, 195.6762

■ 17.0091, 30.7134,
15.8583

■ 17.0091, 30.7134,
15.8583

■ 17.0098, 30.7146,
15.8586

■ 17.6191, 30.9856,
17.8322

■ 18.4714, 31.3778,
20.0075

■ 19.6494, 31.9335,
22.3935

■ 21.1920, 32.6727,
24.9970

■ 23.1319, 33.6122,
27.8241

■ 25.4983, 34.7669,
30.8808

■ 28.3173, 36.1502,
34.1724

■ 31.6131, 37.7745,
37.7045

■ 35.4078, 39.6511,
41.4822

Harmonies

Analogous

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



21.3764, 30.7134, 7.3449



17.0091, 30.7134, 15.8583



15.7023, 30.7134, 34.9978

Triad

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



17.0091, 30.7134, 15.8583



29.7306, 30.7134, 105.5439



45.4084, 30.7134, 14.2982

Complementary

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



17.0091, 30.7134, 15.8583



18.6096, 9.4348, 8.0488

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.



48.7896, 30.7134, 31.9324



17.0091, 30.7134, 15.8583



38.7128, 30.7134, 91.1076

Square

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



17.0091, 30.7134, 15.8583



22.1382, 30.7134, 94.1299



46.1306, 30.7134, 60.7532



37.6048, 30.7134, 6.8010

Rectangle

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



17.0091, 30.7134, 15.8583



16.4884, 30.7134, 54.1149



46.1306, 30.7134, 60.7532



47.1613, 30.7134, 18.8449

Sweetspot

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



17.0099, 30.7146, 15.8590



50.4264, 64.5999, 60.8780



18.3150, 31.6261, 5.1392



10.4943, 13.8108, 12.6996



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.



17.0099, 30.7146, 15.8590



30.3525, 54.9623, 27.8216



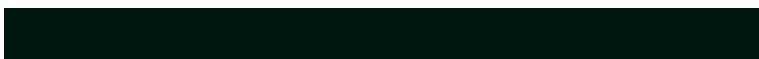
21.4053, 30.7414, 44.3423



8.0816, 9.0102, 9.4546



12.5248, 22.5752, 11.8035



0.3755, 0.6389, 0.4710

Inverse Universe

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



18.6096, 9.4348, 8.0488



33.2222, 16.8543, 13.8594



17.2969, 9.0099, 0.8275



8.1497, 8.0731, 9.0992



13.6990, 6.9421, 6.0602



0.4089, 0.2042, 0.3150

Previews

White Background



This preview shows how the XYZ color 17.0091, 30.7134, 15.8583 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 17.0091, 30.7134, 15.8583 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 17.0091, 30.7134, 15.8583

Background



This preview shows how black text looks on a background with the XYZ color 17.0091, 30.7134, 15.8583.



This preview shows how white text looks on a background with the XYZ color 17.0091, 30.7134,

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

17.0091, 30.7134, 15.8583

Protanopia

27.8959, 30.3771, 13.1972

Deuteranopia

30.8111, 30.1879, 16.7733



Tritanopia

23.3912, 30.8491, 46.3166

Trichromacy



Original Color

17.0091, 30.7134, 15.8583



Protanomaly

19.7390, 28.1180, 13.8382



Deuteranomaly

20.7472, 27.5895, 16.0362



Tritanomaly

19.9996, 30.2154, 32.3818

Monochromacy



Original Color

17.0091, 30.7134, 15.8583



Achromatopsia

15.4009, 16.2029, 17.6450



Achromatomaly

13.7251, 19.4304, 16.6627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0091, 30.7134, 15.8583 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, 173, 95)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 95)  
}
```

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, 173, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 95) }
```

Border

The CSS property to change the border of an element to XYZ 17.0091, 30.7134, 15.8583 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, 173, 95) }
```


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

```
.border{ border-color:rgb(0, 173, 95) }
```

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

Here you see how a box with a 4 pixel rgb(0, 173, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 95);  
box-shadow:4px 4px 4px 4px rgb(0, 173, 95)  
}
```

Background

The CSS property to change the background color of an element to XYZ 17.0091, 30.7134, 15.8583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 173, 95) }
```

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

```
.background{ background-color: rgb(0, 173,  
95) }
```

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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