

Converting Colors

XYZ(17.0839, 29.6031, 16.8702)

Have a look what the booklet for
XYZ(17.0839, 29.6031, 16.8702)
contains.

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Color

**XYZ(17.0839, 29.6031,
16.8702)**

Conversions

Conversions Part 1

Format	Color
Hex	20A964
RGB	32, 169, 100
RGB Percent	13%, 66%, 39%
CMY	0.8745, 0.3372, 0.6078
CMYK	0.81, 0.00, 0.41, 0.34
HSL	150°, 68%, 39%
HSV	150°, 81%, 66%
XYZ	17.0839, 29.6031, 16.8702
YIQ	120.1710, -59.5030, -50.5030

Conversions

Conversions Part 2

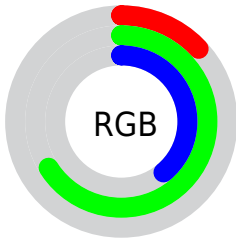
Format	Color
R_{YB}	32, 124, 169
Decimal	2140516
CIE Lab	61.31, -51.06, 25.87
CIE LCh	61, 57.240, 153.126
Yxy	29.6031, 0.2688, 0.4658
Android (android.graphics.Color)	4280330596 (0xFF20A964)
YUV	120.1710, -9.9443, -77.3260
Hunter-Lab	54.4087, -39.1677, 19.7024

Details

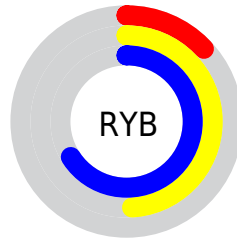
The XYZ color **17.0839, 29.6031, 16.8702** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **19.2287, 10.4083, 13.3088**, and the grayscale version is **17.9527, 18.8876, 20.5686**.

A 20% lighter version of the original color is **37.9595, 58.8841, 39.0709**, and **6.7506, 12.5094, 5.3076** is the 20% darker color. If you saturate the color by 10%, you get **16.2968, 29.2433, 14.7943**, and if you desaturate by 10%, it is **18.1848, 30.1213, 19.1868**.

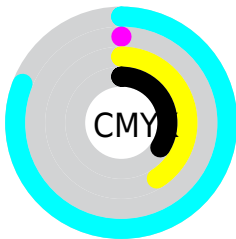
Distribution



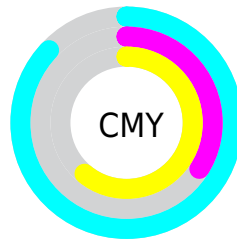
- Red (13%)
- Green (66%)
- Blue (39%)



- Red (13%)
- Yellow (49%)
- Blue (66%)



- Cyan (81%)
- Magenta (0%)
- Yellow (41%)
- Black (34%)





- Cyan (87%)
- Magenta (34%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.0839, 29.6031, 16.8702 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 17.0839, 29.6031, 16.8702 by changing the saturation by 10% instead.


 17.0839, 29.6031,
16.8702

 17.0839, 29.6031,
16.8702


228.8022,
300.0500, 246.4418


 10.3900, 19.5375,
9.9810


 38.0124, 59.0339,
38.8901


 5.7225, 12.0593,
5.2809


 52.9778, 79.1680,
54.8578


 2.7162, 6.7841,
2.3514


 71.4310, 103.4270,
74.6888

 1.0055, 3.3274,
0.7598

 93.7374, 132.1953,
98.8017

 0.0000, 1.3050,
0.0000

 120.2623,
165.8574, 127.6148

 0.0000, 0.1451,
0.0000

 151.3712,

 0.0000, 0.0000,

204.7976, 161.5469

0.0000

187.4294,
249.4004, 201.0164

■ 17.0839, 29.6031,
16.8702

■ 17.0839, 29.6031,
16.8702

■ 16.2968, 29.2433,
14.7943

■ 18.1848, 30.1213,
19.1868

■ 15.7841, 29.0153,
13.1320

■ 19.6346, 30.8135,
21.7504

■ 21.4660, 31.6971,
24.5696

■ 23.7071, 32.7865,
27.6516

■ 26.3832, 34.0947,
31.0034

■ 29.5176, 35.6335,
34.6320

■ 33.1317, 37.4138,
38.5436

■ 37.2456, 39.4458,
42.7445

■ 41.8783, 41.7394,
47.2409

Harmonies

Analogous

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



20.9337, 29.6031, 8.4642



17.0839, 29.6031, 16.8702



16.0003, 29.6031, 34.5507

Triad

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



17.0839, 29.6031, 16.8702



28.9350, 29.6031, 94.0157



42.1101, 29.6031, 14.4489

Complementary

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



17.0839, 29.6031, 16.8702



19.2287, 10.4083, 13.3088

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.



45.2397, 29.6031, 30.0208



17.0839, 29.6031, 16.8702



36.8276, 29.6031, 81.0142

Square

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



17.0839, 29.6031, 16.8702



22.0785, 29.6031, 85.2730



43.1531, 29.6031, 54.8824



35.2130, 29.6031, 7.5691

Rectangle

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



17.0839, 29.6031, 16.8702



16.7982, 29.6031, 51.4473



43.1531, 29.6031, 54.8824



43.6883, 29.6031, 18.5196

Sweetspot

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



17.0847, 29.6043, 16.8709



50.8785, 62.8400, 59.7779



20.0184, 31.3523, 6.3633



10.6720, 13.4915, 12.5455



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



17.0847, 29.6043, 16.8709



28.4258, 52.0356, 23.9219



21.7335, 31.4638, 41.3511



7.5862, 8.4675, 8.8069



11.7904, 21.6349, 9.9291



0.3127, 0.5367, 0.3779

Inverse Universe

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



19.2287, 10.4083, 13.3088



32.3964, 16.4580, 17.3048



17.1723, 9.5858, 2.4804



7.6828, 7.6030, 8.6468



13.4473, 6.7876, 7.1671



0.3530, 0.1755, 0.3103

Previews

White Background



This preview shows how the XYZ color 17.0839, 29.6031, 16.8702 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 17.0839, 29.6031, 16.8702 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 17.0839, 29.6031, 16.8702

Background



This preview shows how black text looks on a background with the XYZ color 17.0839, 29.6031, 16.8702.



This preview shows how white text looks on a background with the XYZ color 17.0839, 29.6031,

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

17.0839, 29.6031, 16.8702

Protanopia

26.8193, 29.0964, 14.1002

Deuteranopia

29.6343, 29.1100, 17.9668



Tritanopia

22.4975, 29.3877, 44.0218

Trichromacy



Original Color

17.0839, 29.6031, 16.8702



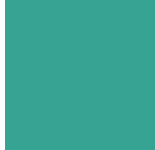
Protanomaly

20.5518, 27.7616, 14.8650



Deuteranomaly

21.5913, 27.2703, 17.2224



Tritanomaly

19.8610, 29.0819, 31.7607

Monochromacy



Original Color

17.0839, 29.6031, 16.8702



Achromatopsia

17.8524, 18.7821, 20.4537



Achromatomaly

16.0936, 21.4439, 18.9137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.0839, 29.6031, 16.8702 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(32, 169, 100)` looks like.

```
.text, #text, p{  
    color:rgb(32, 169, 100)  
}
```

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(32, 169, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 169, 100) }
```

Border

The CSS property to change the border of an element to XYZ 17.0839, 29.6031, 16.8702 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(32, 169, 100) }
```


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

```
.border{ border-color:rgb(32, 169, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 169, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 169, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 169, 100);  
box-shadow:4px 4px 4px 4px rgb(32, 169,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 17.0839, 29.6031, 16.8702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 169, 100) }
```

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

```
.background{ background-color: rgb(32, 169,  
100) }
```

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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