

Converting Colors

XYZ(16.2856, 29.2175, 15.7132)

Have a look what the booklet for
XYZ(16.2856, 29.2175, 15.7132)
contains.

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Color

**XYZ(16.2660, 29.2086,
15.6070)**

Conversions

Conversions Part 1

Format	Color
Hex	01A95F
RGB	1, 169, 95
RGB Percent	0%, 66%, 37%
CMY	0.9961, 0.3372, 0.6274
CMYK	0.99, 0.00, 0.44, 0.34
HSL	154°, 99%, 33%
HSV	154°, 99%, 66%
XYZ	16.2660, 29.2086, 15.6070
YIQ	110.3320, -76.3740, -58.6300

Conversions

Conversions Part 2

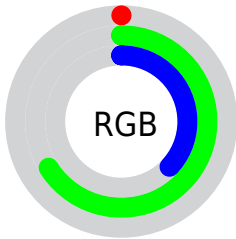
Format	Color
R_{YB}	1, 109, 169
Decimal	108895
CIE _{Lab}	60.97, -54.15, 28.03
CIE _{LCh}	61, 60.973, 152.631
Yxy	29.2086, 0.2663, 0.4782
Android (android.graphics.Color)	4278298975 (0xFF01A95F)
YUV	110.3320, -7.5587, -95.8842
Hunter-Lab	54.0450, -40.8553, 20.7098

Details

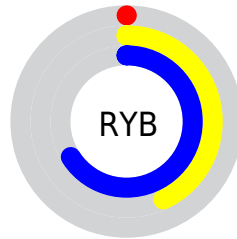
The XYZ color **16.2660, 29.2086, 15.6070** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **17.6439, 8.9652, 7.4581**, and the grayscale version is **14.9540, 15.7328, 17.1330**.

A 20% lighter version of the original color is **36.4279, 58.1499, 36.4982**, and **6.6438, 12.4667, 4.7455** is the 20% darker color. If you saturate the color by 10%, you get **16.2341, 29.1953, 15.5014**, and if you desaturate by 10%, it is **16.8567, 29.4729, 17.4872**.

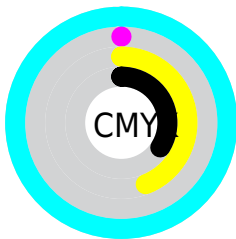
Distribution



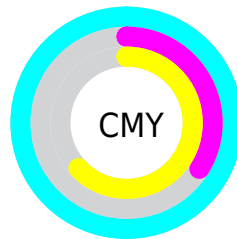
- Red (0%)
- Green (66%)
- Blue (37%)



- Red (0%)
- Yellow (43%)
- Blue (66%)



- Cyan (99%)
- Magenta (0%)
- Yellow (44%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2660, 29.2086, 15.6070 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 16.2660, 29.2086, 15.6070 by changing the saturation by 10% instead.

■ 16.2660, 29.2086,
15.6070

■ 16.2660, 29.2086,
15.6070

224.1459,
298.1979, 238.7774

■ 9.8046, 19.2387,
9.0952

■ 36.6131, 58.4083,
36.6718

■ 5.3309, 11.8429,
4.7056

■ 51.2295, 78.4070,
52.0619

■ 2.4794, 6.6368,
2.0199

■ 69.2950, 102.5173,
71.2484

■ 0.8849, 3.2360,
0.5675

■ 91.1750, 131.1237,
94.6500

■ 0.0000, 1.2561,
0.0000

■ 117.2346,
164.6105, 122.6852

■ 0.0000, 0.1069,
0.0000

■ 147.8395,

■ 0.0000, 0.0000,

203.3623, 155.7724

0.0000

183.3548,
247.7633, 194.3303

■ 16.2660, 29.2086,
15.6070

■ 16.2660, 29.2086,
15.6070

■ 16.2341, 29.1953,
15.5014

■ 16.8567, 29.4729,
17.4872

■ 17.6836, 29.8544,
19.5511

■ 18.8202, 30.3916,
21.8073

■ 20.3025, 31.1029,
24.2616

■ 22.1611, 32.0042,
26.9196

■ 24.4233, 33.1093,
29.7863

■ 27.1137, 34.4308,
32.8668

■ 30.2547, 35.9803,
36.1658

■ 33.8673, 37.7684,
39.6880

Harmonies

Analogous

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



20.2987, 29.2086, 7.3272



16.2660, 29.2086, 15.6070



15.1063, 29.2086, 33.8586

Triad

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



16.2660, 29.2086, 15.6070



28.4706, 29.2086, 98.7728



42.7514, 29.2086, 13.5371

Complementary

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



16.2660, 29.2086, 15.6070



17.6439, 8.9652, 7.4581

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.



46.0325, 29.2086, 29.8327



16.2660, 29.2086, 15.6070



36.8612, 29.2086, 84.8519

Square

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



16.2660, 29.2086, 15.6070



21.3027, 29.2086, 88.7827



43.6955, 29.2086, 56.5135



35.4102, 29.2086, 6.5966

Rectangle

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



16.2660, 29.2086, 15.6070



15.8945, 29.2086, 51.8311



43.6955, 29.2086, 56.5135



44.4230, 29.2086, 17.7407

Sweetspot

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



16.2667, 29.2098, 15.6077



47.9725, 61.3735, 58.2169



17.2227, 29.9406, 4.9002



10.0200, 13.1624, 12.1979



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.



16.2667, 29.2098, 15.6077



28.9663, 52.2423, 27.1982



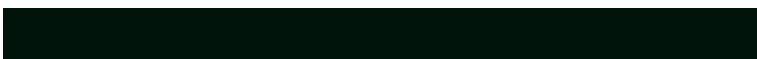
19.8499, 28.2224, 41.9388



7.6059, 8.4754, 8.9106



12.1260, 21.7692, 11.6963



0.3201, 0.5397, 0.4166

Inverse Universe

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



17.6439, 8.9652, 7.4581



31.4427, 15.9622, 12.6351



16.4704, 8.6417, 0.8288



7.6632, 7.5952, 8.5438



13.1531, 6.6699, 5.6177



0.3459, 0.1726, 0.2731

Previews

White Background



This preview shows how the XYZ color 16.2660, 29.2086, 15.6070 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 16.2660, 29.2086, 15.6070 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 16.2660, 29.2086, 15.6070

Background



This preview shows how black text looks on a background with the XYZ color 16.2660, 29.2086, 15.6070.



This preview shows how white text looks on a background with the XYZ color 16.2660, 29.2086,

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

16.2660, 29.2086, 15.6070

Protanopia

26.4558, 28.7032, 12.9500

Deuteranopia

29.2319, 28.7141, 16.5721



Tritanopia

22.1635, 29.2155, 44.0062

Trichromacy



Original Color

16.2660, 29.2086, 15.6070



Protanomaly

18.8383, 26.6573, 13.6037



Deuteranomaly

19.8743, 26.4136, 15.8552



Tritanomaly

19.0831, 28.6898, 31.3200

Monochromacy



Original Color

16.2660, 29.2086, 15.6070



Achromatopsia

14.8208, 15.5926, 16.9804



Achromatomaly

13.1919, 18.5546, 16.2507

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2660, 29.2086, 15.6070 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(1, 169, 95)` looks like.

```
.text, #text, p{  
    color:rgb(1, 169, 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(1, 169, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 169, 95) }
```

Border

The CSS property to change the border of an element to XYZ 16.2660, 29.2086, 15.6070 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(1, 169, 95) }
```


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

```
.border{ border-color:rgb(1, 169, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 169, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 169, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 169, 95);  
box-shadow:4px 4px 4px 4px rgb(1, 169, 95)  
}
```

Background

The CSS property to change the background color of an element to XYZ 16.2660, 29.2086, 15.6070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 169, 95) }
```

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

```
.background{ background-color: rgb(1, 169,  
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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