

Converting Colors

XYZ(14.1140, 26.0862, 24.0996)

Have a look what the booklet for
XYZ(14.1140, 26.0862, 24.0996)
contains.

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Color

**XYZ(16.6862, 27.3470,
24.1377)**

Conversions

Conversions Part 1

Format	Color
Hex	00A27E
RGB	0, 162, 126
RGB Percent	0%, 64%, 49%
CMY	0.9999, 0.3647, 0.5059
CMYK	1.00, 0.00, 0.22, 0.36
HSL	167°, 100%, 32%
HSV	167°, 100%, 64%
XYZ	16.6862, 27.3470, 24.1377
YIQ	109.4580, -84.9960, -45.5400

Conversions

Conversions Part 2

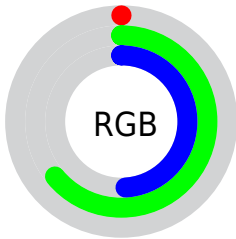
Format	Color
RYB	0, 91, 162
Decimal	41598
CIELab	59.29, -44.57, 8.77
CIELCh	59, 45.430, 168.865
Yxy	27.3470, 0.2448, 0.4012
Android (android.graphics.Color)	4278231678 (0xFF00A27E)
YUV	109.4580, 8.1552, -95.9947
Hunter-Lab	52.2944, -34.5590, 9.2393

Details

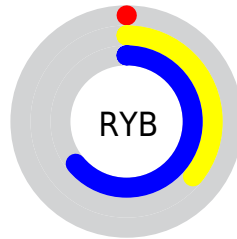
The XYZ color **16.6862, 27.3470, 24.1377** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **15.2196, 7.8094, 2.3755**, and the grayscale version is **14.6624, 15.4260, 16.7989**.

A 20% lighter version of the original color is **37.4245, 55.5711, 51.4016**, and **6.8082, 11.4731, 8.8769** is the 20% darker color. If you saturate the color by 10%, you get **16.6866, 27.3479, 24.1373**, and if you desaturate by 10%, it is **17.1407, 27.5547, 25.3944**.

Distribution



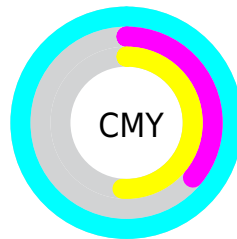
- Red (0%)
- Green (64%)
- Blue (49%)



- Red (0%)
- Yellow (36%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (22%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.6862, 27.3470, 24.1377 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 16.6862, 27.3470, 24.1377 by changing the saturation by 10% instead.

■ 16.6862, 27.3470,
24.1377

■ 16.6862, 27.3470,
24.1377

226.5492,
289.3333, 286.8249

■ 10.1049, 17.8340,
15.2227

■ 37.3334, 55.4402,
51.2015

■ 5.5314, 10.8309,
8.8274

■ 52.1300, 74.7892,
70.1873

■ 2.6002, 5.9532,
4.5335

■ 70.3957, 98.1856,
93.3670

■ 0.9461, 2.8167,
1.9224

■ 92.4960, 126.0139,
121.1594

■ 0.0000, 1.0368,
0.5069

■ 118.7961,
158.6584, 153.9828

■ 0.0000, 0.0000,
0.0000

■ 149.6614,

196.5035, 192.2558

185.4573,
239.9337, 236.3970

■ 16.6862, 27.3470,
24.1377

■ 16.6862, 27.3470,
24.1377

■ 16.6866, 27.3479,
24.1373

■ 17.1407, 27.5547,
25.3944

■ 17.7770, 27.8544,
26.7031

■ 18.6701, 28.2855,
28.0684

■ 19.8520, 28.8645,
29.4922

■ 21.3498, 29.6053,
30.9761

■ 23.1876, 30.5204,
32.5218

■ 25.3870, 31.6210,
34.1307

■ 27.9680, 32.9171,
35.8041

■ 30.9488, 34.4184,
37.5432

Harmonies

Analogous

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



18.6077, 27.3470, 13.5825



16.6862, 27.3470, 24.1377



16.9712, 27.3470, 41.0708

Triad

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



16.6862, 27.3470, 24.1377



29.6840, 27.3470, 70.2356



33.8546, 27.3470, 11.8922

Complementary

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



16.6862, 27.3470, 24.1377



15.2196, 7.8094, 2.3755

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.



37.7502, 27.3470, 20.7691



16.6862, 27.3470, 24.1377



35.1107, 27.3470, 55.4386

Square

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



16.6862, 27.3470, 24.1377



23.9409, 27.3470, 72.1860



38.2407, 27.3470, 36.2309



28.1581, 27.3470, 8.4302

Rectangle

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



16.6862, 27.3470, 24.1377



18.3861, 27.3470, 54.0146



38.2407, 27.3470, 36.2309



35.4516, 27.3470, 14.1527

Sweetspot

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



16.6870, 27.3481, 24.1383



45.8368, 57.2785, 61.7874



13.7133, 26.2501, 4.3444



9.9199, 12.6768, 13.6112



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



16.6870, 27.3481, 24.1383



30.2123, 49.6147, 43.3965



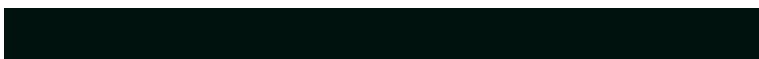
13.0957, 15.7563, 36.5347



7.2084, 7.9842, 8.7093



13.1622, 21.5512, 19.1026



0.2924, 0.4592, 0.4845

Inverse Universe

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



15.2196, 7.8094, 2.3755



27.5644, 14.1506, 3.9719



15.7725, 9.4248, 0.9883



7.1352, 7.1105, 7.6986



12.0037, 6.1575, 1.9441



0.2684, 0.1359, 0.1260

Previews

White Background



This preview shows how the XYZ color 16.6862, 27.3470, 24.1377 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 16.6862, 27.3470, 24.1377 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 16.6862, 27.3470, 24.1377

Background



This preview shows how black text looks on a background with the XYZ color 16.6862, 27.3470, 24.1377.



This preview shows how white text looks on a background with the XYZ color 16.6862, 27.3470,

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

16.6862, 27.3470, 24.1377

Protanopia

25.4031, 27.0910, 20.4132

Deuteranopia

27.4086, 26.9282, 25.5829



Tritanopia

20.3653, 27.3196, 41.7360

Trichromacy



Original Color

16.6862, 27.3470, 24.1377



Protanomaly

18.8569, 25.2839, 21.6557



Deuteranomaly

19.6750, 24.9362, 24.8953



Tritanomaly

18.5723, 27.0607, 34.3814

Monochromacy



Original Color

16.6862, 27.3470, 24.1377



Achromatopsia

14.5356, 15.2926, 16.6537



Achromatomaly

13.2679, 17.9414, 18.9834

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.6862, 27.3470, 24.1377 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, 162, 126)` looks like.

```
.text, #text, p{  
    color:rgb(0, 162, 126)  
}
```

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, 162, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 162, 126) }
```

Border

The CSS property to change the border of an element to XYZ 16.6862, 27.3470, 24.1377 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, 162, 126) }
```


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

```
.border{ border-color:rgb(0, 162, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 162, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 162, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 162, 126);  
box-shadow:4px 4px 4px 4px rgb(0, 162,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 16.6862, 27.3470, 24.1377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 162, 126) }
```

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

```
.background{ background-color: rgb(0, 162,  
126) }
```

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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