

Converting Colors

XYZ(16.2554, 26.8316, 13.8646)

Have a look what the booklet for
XYZ(16.2554, 26.8316, 13.8646)
contains.

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Color

**XYZ(16.2375, 26.8235,
13.7729)**

Conversions

Conversions Part 1

Format	Color
Hex	3CA059
RGB	60, 160, 89
RGB Percent	24%, 63%, 35%
CMY	0.7647, 0.3725, 0.6510
CMYK	0.62, 0.00, 0.44, 0.37
HSL	137°, 45%, 43%
HSV	137°, 62%, 63%
XYZ	16.2375, 26.8235, 13.7729
YIQ	122.0060, -36.8090, -43.2810

Conversions

Conversions Part 2

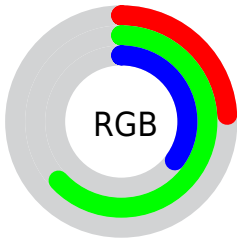
Format	Color
RYB	60, 138, 160
Decimal	3973209
CIELab	58.81, -45.02, 28.59
CIElCh	59, 53.332, 147.587
Yxy	26.8235, 0.2857, 0.4720
Android (android.graphics.Color)	4282163289 (0xFF3CA059)
YUV	122.0060, -16.2720, -54.3793
Hunter-Lab	51.7914, -34.6721, 20.4870

Details

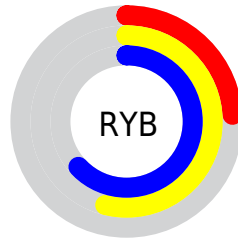
The XYZ color **16.2375, 26.8235, 13.7729** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **20.2107, 12.3446, 22.7913**, and the grayscale version is **18.5614, 19.5280, 21.2660**.

A 20% lighter version of the original color is **36.6256, 54.7871, 33.4555**, and **5.6579, 10.6755, 3.8602** is the 20% darker color. If you saturate the color by 10%, you get **14.9724, 26.2230, 11.4130**, and if you desaturate by 10%, it is **17.8698, 27.6063, 16.5355**.

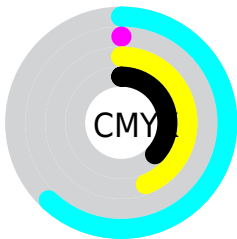
Distribution



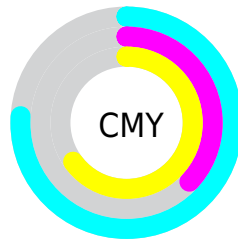
- Red (24%)
- Green (63%)
- Blue (35%)



- Red (24%)
- Yellow (54%)
- Blue (63%)



- Cyan (62%)
- Magenta (0%)
- Yellow (44%)
- Black (37%)



- Cyan (76%)
- Magenta (37%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.2375, 26.8235, 13.7729 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 16.2375, 26.8235, 13.7729 by changing the saturation by 10% instead.

■ 16.2375, 26.8235,
13.7729

■ 16.2375, 26.8235,
13.7729

223.9820,
286.8015, 227.1925

■ 9.7843, 17.4407,
7.8259

■ 36.5642, 54.6005,
33.3968

■ 5.3173, 10.5492,
3.8976

■ 51.1683, 73.7635,
47.9109

■ 2.4713, 5.7646,
1.5693

■ 69.2201, 96.9554,
66.1177

■ 0.8808, 2.7025,
0.2688

■ 91.0850, 124.5605,
88.4359

■ 0.0000, 0.9784,
0.0000

■ 117.1283,
156.9633, 115.2839

■ 0.0000, 0.0000,
0.0000

147.7153,

194.5481, 147.0803

183.2114,
237.6994, 184.2437

■ 16.2375, 26.8235,
13.7729

■ 16.2375, 26.8235,
13.7729

■ 14.9724, 26.2230,
11.4130

■ 17.8698, 27.6063,
16.5355

■ 14.0419, 25.7861,
9.4351

■ 19.8944, 28.5817,
19.7167

■ 13.4106, 25.4958,
7.8189

■ 22.3364, 29.7631,
23.3337

■ 13.0723, 25.3430,
6.8290

■ 25.2180, 31.1615,
27.4023

■ 28.5602, 32.7876,
31.9374

■ 32.3822, 34.6508,
36.9532

■ 36.7023, 36.7604,
42.4633

■ 41.5379, 39.1251,
48.4808

■ 46.9054, 41.7530,
55.0183

Harmonies

Analogous

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



20.0741, 26.8235, 7.4263



16.2375, 26.8235, 13.7729



14.8297, 26.8235, 27.7070

Triad

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



16.2375, 26.8235, 13.7729



24.9659, 26.8235, 82.4148



38.4305, 26.8235, 15.4367

Complementary

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



16.2375, 26.8235, 13.7729



20.2107, 12.3446, 22.7913

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.



40.3372, 26.8235, 30.7586



16.2375, 26.8235, 13.7729



31.8131, 26.8235, 74.5207

Square

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



16.2375, 26.8235, 13.7729



19.2976, 26.8235, 71.7082



37.7345, 26.8235, 53.2476



32.8945, 26.8235, 8.0556

Rectangle

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



16.2375, 26.8235, 13.7729



15.2375, 26.8235, 41.5770



37.7345, 26.8235, 53.2476



39.5547, 26.8235, 19.5705

Sweetspot

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



16.2382, 26.8246, 13.7735



47.5963, 57.4579, 52.2400



22.8510, 30.3477, 8.9286



10.0967, 12.4351, 10.9874



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



16.2382, 26.8246, 13.7735



26.4484, 47.2646, 19.2234



19.0467, 27.9480, 28.5631



6.6259, 7.4311, 7.4648



10.1999, 19.7479, 5.4098



0.1994, 0.3599, 0.1864

Inverse Universe

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



20.2107, 12.3446, 22.7913



34.2298, 18.7172, 36.7516



17.6242, 11.3100, 9.1710



6.8221, 6.7218, 7.9142



13.6611, 6.7690, 12.9985



0.2615, 0.1279, 0.3234

Previews

White Background



This preview shows how the XYZ color 16.2375, 26.8235, 13.7729 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 16.2375, 26.8235, 13.7729 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 16.2375, 26.8235, 13.7729

Background



This preview shows how black text looks on a background with the XYZ color 16.2375, 26.8235, 13.7729.



This preview shows how white text looks on a background with the XYZ color 16.2375, 26.8235,

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

16.2375, 26.8235, 13.7729

Protanopia

24.3743, 26.5290, 11.8186

Deuteranopia

26.7391, 26.2012, 14.4745



Tritanopia

21.2471, 26.6074, 39.1379

Trichromacy



Original Color

16.2375, 26.8235, 13.7729



Protanomaly

19.9753, 25.8288, 12.5270



Deuteranomaly

20.8515, 25.1024, 14.1022



Tritanomaly

18.8950, 26.3732, 27.7616

Monochromacy



Original Color

16.2375, 26.8235, 13.7729



Achromatopsia

18.4984, 19.4618, 21.1939



Achromatomaly

16.7642, 21.3868, 17.9963

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.2375, 26.8235, 13.7729 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(60, 160, 89)` looks like.

```
.text, #text, p{  
    color:rgb(60, 160, 89)  
}
```

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(60, 160, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 160, 89) }
```

Border

The CSS property to change the border of an element to XYZ 16.2375, 26.8235, 13.7729 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(60, 160, 89) }
```


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

```
.border{ border-color:rgb(60, 160, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 160, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 160, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 160, 89);  
box-shadow:4px 4px 4px 4px rgb(60, 160,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 16.2375, 26.8235, 13.7729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 160, 89) }
```

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

```
.background{ background-color: rgb(60, 160,  
89) }
```

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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