

Converting Colors

XYZ(24.0288, 40.3648, 16.0127)

Have a look what the booklet for
XYZ(24.0288, 40.3648, 16.0127)
contains.

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Color

**XYZ(24.0976, 40.5235,
16.0029)**

Conversions

Conversions Part 1

Format	Color
Hex	4FC159
RGB	79, 193, 89
RGB Percent	31%, 76%, 35%
CMY	0.6902, 0.2431, 0.6510
CMYK	0.59, 0.00, 0.54, 0.24
HSL	125°, 48%, 53%
HSV	125°, 59%, 76%
XYZ	24.0976, 40.5235, 16.0029
YIQ	147.0580, -34.5600, -56.5120

Conversions

Conversions Part 2

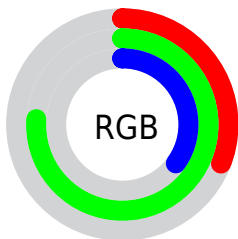
Format	Color
RYB	79, 184, 193
Decimal	5226841
CIELab	69.84, -53.55, 42.46
CIElCh	70, 68.335, 141.590
Yxy	40.5235, 0.2989, 0.5026
Android (android.graphics.Color)	4283416921 (0xFF4FC159)
YUV	147.0580, -28.6226, -59.6869
Hunter-Lab	63.6581, -43.8309, 29.6558

Details

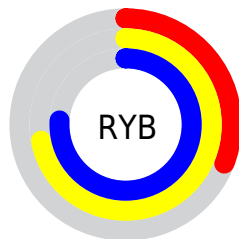
The XYZ color **24.0976, 40.5235, 16.0029** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted green. A complement of this color would be **33.3367, 20.3490, 46.9715**, and the grayscale version is **27.8830, 29.3351, 31.9459**.

A 20% lighter version of the original color is **49.4746, 75.6976, 37.2028**, and **9.4383, 18.3169, 4.8718** is the 20% darker color. If you saturate the color by 10%, you get **22.0663, 39.5530, 12.4995**, and if you desaturate by 10%, it is **26.7737, 41.8084, 20.4612**.

Distribution



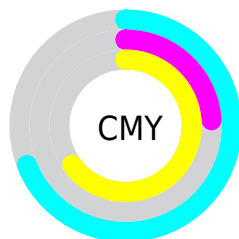
- Red (31%)
- Green (76%)
- Blue (35%)



- Red (31%)
- Yellow (72%)
- Blue (76%)



- Cyan (59%)
- Magenta (0%)
- Yellow (54%)
- Black (24%)





- Cyan (69%)
- Magenta (24%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.0976, 40.5235, 16.0029 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 24.0976, 40.5235, 16.0029 by changing the saturation by 10% instead.


 24.0976, 40.5235,
16.0029


 24.0976, 40.5235,
16.0029


265.7449,
348.3251, 241.2051


 15.5312, 27.9469,
9.3718


 49.6429, 75.9600,
37.3701

 9.2817, 18.2857,
4.8844


 67.3526, 99.5888,
52.9433

 4.9840, 11.1553,
2.1220


 88.8406, 127.6704,
72.3343

 2.2725, 6.1714,
0.6288

 114.4724,
160.5893, 95.9616

 0.7806, 2.9496,
0.0000

144.6134,
198.7298, 124.2439

 0.0000, 1.1055,
0.0000

179.6289,

 0.0000, 0.0000,

242.4763, 157.5995

0.0000

219.8843,
292.2133, 196.4471

■ 24.0976, 40.5235,
16.0029

■ 24.0976, 40.5235,
16.0029

■ 22.0663, 39.5530,
12.4995

■ 26.7737, 41.8084,
20.4612

■ 20.6224, 38.8651,
9.8789

■ 30.1398, 43.4260,
25.9343

■ 19.7034, 38.4306,
8.0630

■ 34.2405, 45.3994,
32.4802

■ 19.2072, 38.1988,
6.9580

■ 39.1158, 47.7479,
40.1520

■ 19.1714, 38.1818,
6.8870

■ 44.8026, 50.4897,
48.9990

■ 51.3359, 53.6416,
59.0679

■ 58.7481, 57.2195,
70.4025

■ 67.0702, 61.2385,
83.0446

■ 76.3318, 65.7130,
97.0343

Harmonies

Analogous

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



31.1854, 40.5235, 8.2005



24.0976, 40.5235, 16.0029



21.0276, 40.5235, 35.7746

Triad

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



24.0976, 40.5235, 16.0029



35.4788, 40.5235, 136.4027



61.9622, 40.5235, 25.2386

Complementary

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



24.0976, 40.5235, 16.0029



33.3367, 20.3490, 46.9715

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.



63.7191, 40.5235, 53.6790



24.0976, 40.5235, 16.0029



46.9146, 40.5235, 128.8419

Square

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



24.0976, 40.5235, 16.0029



26.7211, 40.5235, 111.4299



57.7751, 40.5235, 94.0279



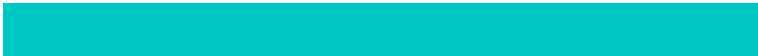
53.3542, 40.5235, 11.4696

Rectangle

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



24.0976, 40.5235, 16.0029



21.1653, 40.5235, 57.5765



57.7751, 40.5235, 94.0279



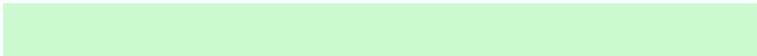
63.4319, 40.5235, 32.9480

Sweetspot

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



24.0986, 40.5252, 16.0038



70.8006, 85.8733, 73.0773



40.1305, 48.8352, 14.7083



14.6004, 18.1390, 14.7560



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



24.0986, 40.5252, 16.0038



38.6253, 70.4102, 20.7954



27.4450, 41.8637, 33.6257



9.9795, 11.2729, 10.8955



12.7637, 25.3995, 4.6487



0.5640, 1.1024, 0.2666

Inverse Universe

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



33.3367, 20.3490, 46.9715



56.6357, 30.9611, 81.0844



28.5877, 18.4494, 21.9633



10.4580, 10.2318, 12.5021



19.8591, 9.6334, 28.2340



0.8695, 0.4208, 1.2799

Previews

White Background



This preview shows how the XYZ color 24.0976, 40.5235, 16.0029 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 24.0976, 40.5235, 16.0029 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

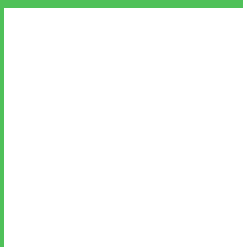
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.0976, 40.5235, 16.0029

Background



This preview shows how black text looks on a background with the XYZ color 24.0976, 40.5235, 16.0029.



This preview shows how white text looks on a background with the XYZ color 24.0976, 40.5235,

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

24.0976, 40.5235, 16.0029

Protanopia

36.5990, 40.0349, 13.5831

Deuteranopia

40.5316, 39.8255, 16.8601



Tritanopia

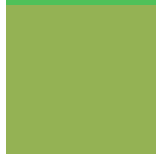
32.6356, 40.5056, 58.3228

Trichromacy



Original Color

24.0976, 40.5235, 16.0029



Protanomaly

29.7334, 38.7768, 14.3051



Deuteranomaly

31.4612, 38.1689, 16.2988



Tritanomaly

28.4686, 40.0389, 38.1261

Monochromacy



Original Color

24.0976, 40.5235, 16.0029



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

25.0674, 32.1949, 24.6317

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0976, 40.5235, 16.0029 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(79, 193, 89)` looks like.

```
.text, #text, p{  
  color:rgb(79, 193, 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(79, 193, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 193, 89) }
```

Border

The CSS property to change the border of an element to XYZ 24.0976, 40.5235, 16.0029 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(79, 193, 89) }
```


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

```
.border{ border-color:rgb(79, 193, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 193, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 193, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 193, 89);  
box-shadow:4px 4px 4px 4px rgb(79, 193,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0976, 40.5235, 16.0029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 193, 89) }
```

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

```
.background{ background-color: rgb(79, 193,  
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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