

Converting Colors

XYZ(33.2019, 41.4984, 26.6821)

Have a look what the booklet for
XYZ(33.2019, 41.4984, 26.6821)
contains.

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Color

**XYZ(33.2019, 41.4984,
26.6821)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 96B680 |
| RGB | 150, 182, 128 |
| RGB Percent | 59%, 71%, 50% |
| CMY | 0.4118, 0.2863, 0.4980 |
| CMYK | 0.18, 0.00, 0.30, 0.29 |
| HSL | 96°, 27%, 61% |
| HSV | 96°, 30%, 71% |
| XYZ | 33.2019, 41.4984, 26.6821 |
| YIQ | 166.2760, -1.7380, -23.5780 |

Conversions

Conversions Part 2

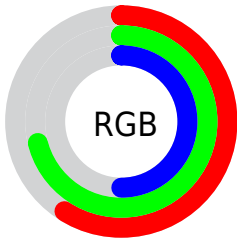
| Format | Color |
|-------------------------------------|--|
| RYB | 128, 182, 160 |
| Decimal | 9877120 |
| CIELab | 70.52, -20.81, 24.02 |
| CIELCh | 71, 31.783, 130.901 |
| Yxy | 41.4984, 0.3275, 0.4093 |
| Android (android.graphics.Color) | 4288067200 (0xFF96B680) |
| YUV | 166.2760, -18.8701, -14.2741 |
| Hunter-Lab | 64.4193, -20.7342, 20.5359 |

Details

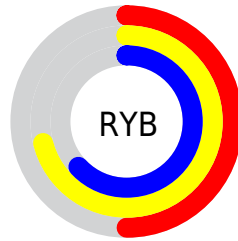
The XYZ color **33.2019, 41.4984, 26.6821** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **30.6615, 26.2904, 47.7167**, and the grayscale version is **36.4690, 38.3683, 41.7831**.

A 20% lighter version of the original color is **64.0919, 77.4644, 55.2902**, and **14.2624, 18.8472, 10.0939** is the 20% darker color. If you saturate the color by 10%, you get **30.2158, 40.0865, 20.8401**, and if you desaturate by 10%, it is **36.5878, 43.0941, 33.6662**.

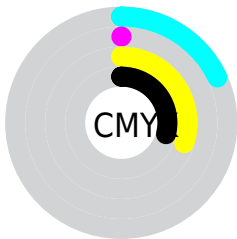
Distribution



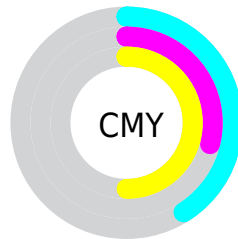
- Red (59%)
- Green (71%)
- Blue (50%)



- Red (50%)
- Yellow (71%)
- Blue (63%)



- Cyan (18%)
- Magenta (0%)
- Yellow (30%)
- Black (29%)





- Cyan (41%)
- Magenta (29%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.2019, 41.4984, 26.6821 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 33.2019, 41.4984, 26.6821 by changing the saturation by 10% instead.


 33.2019, 41.4984,
26.6821


 33.2019, 41.4984,
26.6821


308.2074,
352.3994, 299.8259

 22.4411, 28.7087,
17.1043


 64.0432, 77.4399,
55.3708

 14.2998, 18.8606,
10.1461


 84.8544, 101.3605,
75.3189

 8.4126, 11.5696,
5.3891


 109.7465,
129.7603, 99.5607

 4.4141, 6.4513,
2.4146

139.0848,
163.0235, 128.5149

 1.9390, 3.1214,
0.7944

173.2347,
201.5346, 162.5999

 0.5993, 1.1954,
0.0000

212.5616,

 0.0000, 0.0580,

245.6781, 202.2344

0.0000

257.4307,
295.8382, 247.8369

■ 0.0000, 0.0000,
0.0000

■ 33.2019, 41.4984,
26.6821

■ 33.2019, 41.4984,
26.6821

■ 30.2158, 40.0865,
20.8401

■ 36.5878, 43.0941,
33.6662

■ 27.6098, 38.8458,
16.0768

■ 40.3857, 44.8748,
41.8460

■ 25.3674, 37.7705,
12.3266


■ 44.6110, 46.8488,
51.2748


■ 23.4693, 36.8522,
9.5158


■ 49.2776, 49.0219,
62.0020


■ 21.8940, 36.0817,
7.5608


■ 54.3984, 51.3998,
74.0744


 20.6168, 35.4485,
6.3628


 59.9860, 53.9882,
87.5363

 19.5946, 34.9346,
5.7275

 65.9872, 56.7661,
102.0868

 19.5639, 34.9191,
5.7089

 69.4670, 58.5600,
102.2496

 73.1631, 60.4654,
102.4226

Harmonies

Analogous

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



37.5666, 41.4984, 22.3446



33.2019, 41.4984, 26.6821



30.6606, 41.4984, 36.3783

Triad

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



33.2019, 41.4984, 26.6821



36.2345, 41.4984, 78.3385



50.1971, 41.4984, 39.9403

Complementary

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



33.2019, 41.4984, 26.6821



30.6615, 26.2904, 47.7167

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.



49.7601, 41.4984, 55.3087



33.2019, 41.4984, 26.6821



41.3809, 41.4984, 79.8910

Square

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



33.2019, 41.4984, 26.6821



32.3013, 41.4984, 66.8547



46.4209, 41.4984, 70.7179



47.5666, 41.4984, 28.7904

Rectangle

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



33.2019, 41.4984, 26.6821



30.1948, 41.4984, 45.6402



46.4209, 41.4984, 70.7179



50.4096, 41.4984, 44.7322

Sweetspot

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



33.2030, 41.5002, 26.6830



73.5934, 81.5306, 76.6929



35.6736, 36.4738, 25.5826



16.0216, 17.8986, 16.4284



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



33.2030, 41.5002, 26.6830



56.3616, 73.4237, 40.8113



29.8304, 39.7266, 28.1061



9.2275, 10.2339, 9.5959



13.8865, 24.6951, 4.0347



0.5602, 0.9070, 0.1455

Inverse Universe

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



30.6615, 26.2904, 47.7167



50.9576, 41.1154, 85.4860



34.9979, 28.5788, 45.5304



9.0175, 8.9754, 11.3366



10.3947, 4.6698, 31.6066



0.4347, 0.1998, 1.1174

Previews

White Background



This preview shows how the XYZ color 33.2019, 41.4984, 26.6821 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 33.2019, 41.4984, 26.6821 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 33.2019, 41.4984, 26.6821

Background



This preview shows how black text looks on a background with the XYZ color 33.2019, 41.4984, 26.6821.



This preview shows how white text looks on a background with the XYZ color 33.2019, 41.4984,

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

33.2019, 41.4984, 26.6821

Protanopia

38.3982, 41.2746, 25.0118

Deuteranopia

41.9771, 41.1328, 27.5568



Tritanopia

38.5112, 41.2739, 53.5138

Trichromacy



Original Color

33.2019, 41.4984, 26.6821

Protanomaly

36.2403, 41.3020, 25.4641

Deuteranomaly

38.1881, 40.8318, 27.3413

Tritanomaly

36.3154, 41.2654, 42.1274

Monochromacy



Original Color

33.2019, 41.4984, 26.6821

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

34.9172, 39.2456, 35.4406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.2019, 41.4984, 26.6821 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(150, 182, 128)` looks like.

```
.text, #text, p{  
    color:rgb(150, 182, 128)  
}
```

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(150, 182, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 182, 128) }
```

Border

The CSS property to change the border of an element to XYZ 33.2019, 41.4984, 26.6821 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(150, 182, 128) }
```


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

```
.border{ border-color:rgb(150, 182, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 182, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 182, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 182, 128);  
box-shadow:4px 4px 4px 4px rgb(150, 182,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 33.2019, 41.4984, 26.6821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 182, 128) }
```

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

```
.background{ background-color: rgb(150,  
182, 128) }
```

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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