

Converting Colors

XYZ(21.6746, 26.5298, 16.7829)

Have a look what the booklet for
XYZ(21.6746, 26.5298, 16.7829)
contains.

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Color

**XYZ(21.7905, 26.6711,
16.8315)**

Conversions

Conversions Part 1

Format	Color
Hex	7F9467
RGB	127, 148, 103
RGB Percent	50%, 58%, 40%
CMY	0.5020, 0.4196, 0.5961
CMYK	0.14, 0.00, 0.30, 0.42
HSL	88°, 18%, 49%
HSV	88°, 30%, 58%
XYZ	21.7905, 26.6711, 16.8315
YIQ	136.5910, 1.9290, -18.4470

Conversions

Conversions Part 2

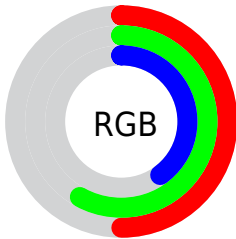
Format	Color
RYB	103, 148, 124
Decimal	8361063
CIELab	58.67, -15.83, 21.40
CIELCh	59, 26.620, 126.489
Yxy	26.6711, 0.3337, 0.4085
Android (android.graphics.Color)	4286551143 (0xFF7F9467)
YUV	136.5910, -16.5604, -8.4113
Hunter-Lab	51.6441, -15.0615, 16.8274

Details

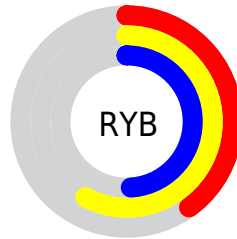
The XYZ color **21.7905, 26.6711, 16.8315** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.5087, 16.1244, 30.1552**, and the grayscale version is **23.6841, 24.9175, 27.1352**.

A 20% lighter version of the original color is **45.7757, 54.2775, 38.6358**, and **8.0249, 10.4030, 5.1995** is the 20% darker color. If you saturate the color by 10%, you get **20.1189, 25.8885, 13.2129**, and if you desaturate by 10%, it is **23.6656, 27.5450, 21.1472**.

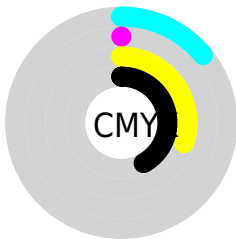
Distribution



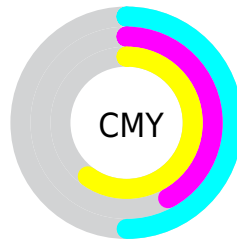
- Red (50%)
- Green (58%)
- Blue (40%)



- Red (40%)
- Yellow (58%)
- Blue (49%)



- Cyan (14%)
- Magenta (0%)
- Yellow (30%)
- Black (42%)



- Cyan (50%)
- Magenta (42%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7905, 26.6711, 16.8315 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 21.7905, 26.6711, 16.8315 by changing the saturation by 10% instead.

■ 21.7905, 26.6711,
16.8315

■ 21.7905, 26.6711,
16.8315

254.1032,
286.0611, 246.2105

■ 13.8188, 17.3264,
9.9537

■ 45.8809, 54.3556,
38.8225

■ 8.0756, 10.4675,
5.2631

■ 62.7304, 73.4642,
54.7728

■ 4.1956, 5.7100,
2.3410

■ 83.2697, 96.5962,
74.5845

■ 1.8134, 2.6695,
0.7541

■ 107.8644,
124.1360, 98.6759

■ 0.5257, 0.9617,
0.0000

136.8797,
156.4680, 127.4656

■ 0.0000, 0.0000,
0.0000

170.6811,

193.9766, 161.3723

209.6338,
237.0462, 200.8144

■ 21.7905, 26.6711,
16.8315

■ 21.7905, 26.6711,
16.8315

■ 20.1189, 25.8885,
13.2129

■ 23.6656, 27.5450,
21.1472

■ 18.6403, 25.1903,
10.2530

■ 25.7498, 28.5099,
26.1922

■ 17.3465, 24.5738,
7.9125


■ 28.0512, 29.5702,
31.9988


■ 16.2275, 24.0348,
6.1471


■ 30.5768, 30.7288,
38.5967


■ 15.2723, 23.5688,
4.9067


■ 33.3331, 31.9884,
46.0141


 14.4681, 23.1706,
4.1324

 36.3265, 33.3517,
54.2780

 13.8090, 22.8401,
3.6808

 39.5630, 34.8214,
63.4138

 43.0484, 36.3997,
73.4462

 46.7884, 38.0892,
84.3987

Harmonies

Analogous

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



24.6458, 26.6711, 14.5668



21.7905, 26.6711, 16.8315



20.0085, 26.6711, 22.4304

Triad

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



21.7905, 26.6711, 16.8315



22.9227, 26.6711, 48.8893



32.1276, 26.6711, 27.0516

Complementary

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



21.7905, 26.6711, 16.8315



18.5087, 16.1244, 30.1552

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.



31.5665, 26.6711, 36.8357



21.7905, 26.6711, 16.8315



26.0676, 26.6711, 50.8685

Square

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



21.7905, 26.6711, 16.8315



20.6218, 26.6711, 41.1242



29.2776, 26.6711, 46.0644



30.7509, 26.6711, 19.5909

Rectangle

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



21.7905, 26.6711, 16.8315



19.5758, 26.6711, 27.9510



29.2776, 26.6711, 46.0644



32.1610, 26.6711, 30.1575

Sweetspot

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



21.7912, 26.6723, 16.8321



45.9091, 50.5221, 47.3956



21.8696, 21.6914, 15.8665



10.3611, 11.4782, 10.5245



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



21.7912, 26.6723, 16.8321



36.5444, 46.1687, 25.5279



18.8060, 25.1333, 16.6924



6.0072, 6.6115, 6.2000



11.8262, 19.5245, 3.1453



0.1788, 0.2565, 0.0401

Inverse Universe

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



18.5087, 16.1244, 30.1552



29.8684, 24.7125, 52.6303



22.1397, 17.9962, 30.3251



5.7414, 5.7577, 7.2785



6.6974, 2.9252, 24.1427



0.1155, 0.0531, 0.2971

Previews

White Background



This preview shows how the XYZ color 21.7905, 26.6711, 16.8315 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 21.7905, 26.6711, 16.8315 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 21.7905, 26.6711, 16.8315

Background



This preview shows how black text looks on a background with the XYZ color 21.7905, 26.6711, 16.8315.



This preview shows how white text looks on a background with the XYZ color 21.7905, 26.6711,

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

21.7905, 26.6711, 16.8315

Protanopia

24.7740, 26.6453, 15.8939

Deuteranopia

26.9914, 26.4755, 17.3234



Tritanopia

25.2543, 26.7142, 33.9623

Trichromacy



Original Color

21.7905, 26.6711, 16.8315

Protanomaly

23.6499, 26.7257, 16.2240

Deuteranomaly

24.8768, 26.4515, 17.1591

Tritanomaly

23.7065, 26.5211, 26.7913

Monochromacy



Original Color

21.7905, 26.6711, 16.8315

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

22.8994, 25.5170, 23.1204

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7905, 26.6711, 16.8315 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(127, 148, 103)` looks like.

```
.text, #text, p{  
    color:rgb(127, 148, 103)  
}
```

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(127, 148, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 148, 103) }
```

Border

The CSS property to change the border of an element to XYZ 21.7905, 26.6711, 16.8315 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(127, 148, 103) }
```


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

```
.border{ border-color:rgb(127, 148, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 148, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 148, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 148, 103);  
box-shadow:4px 4px 4px 4px rgb(127, 148,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7905, 26.6711, 16.8315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 148, 103) }
```

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

```
.background{ background-color: rgb(127,  
148, 103) }
```

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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