

Converting Colors

XYZ(21.3375, 26.8929, 17.3513)

Have a look what the booklet for
XYZ(21.3375, 26.8929, 17.3513)
contains.

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Color

**XYZ(21.3413, 26.8976,
17.4315)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 799669 |
| RGB | 121, 150, 105 |
| RGB Percent | 47%, 59%, 41% |
| CMY | 0.5255, 0.4118, 0.5882 |
| CMYK | 0.19, 0.00, 0.30, 0.41 |
| HSL | 99°, 18%, 50% |
| HSV | 99°, 30%, 59% |
| XYZ | 21.3413, 26.8976, 17.4315 |
| YIQ | 136.1990, -2.8390, -20.1430 |

Conversions

Conversions Part 2

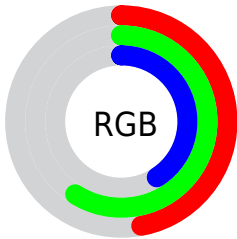
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 105, 150, 134 |
| Decimal | 7968361 |
| CIELab | 58.88, -18.86, 20.50 |
| CIELCh | 59, 27.857, 132.602 |
| Yxy | 26.8976, 0.3250, 0.4096 |
| Android (android.graphics.Color) | 4286158441 (0xFF799669) |
| YUV | 136.1990, -15.3811, -13.3295 |
| Hunter-Lab | 51.8629, -17.3083, 16.3762 |

Details

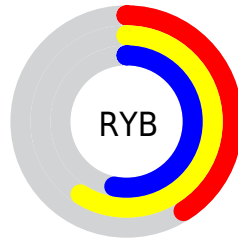
The XYZ color **21.3413, 26.8976, 17.4315** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.3893, 17.3742, 31.1346**, and the grayscale version is **23.5336, 24.7591, 26.9627**.

A 20% lighter version of the original color is **45.1342, 54.6187, 40.0619**, and **7.7989, 10.5587, 5.4979** is the 20% darker color. If you saturate the color by 10%, you get **19.3499, 25.9532, 13.6627**, and if you desaturate by 10%, it is **23.6059, 27.9688, 21.9242**.

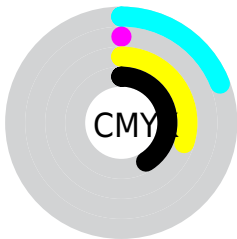
Distribution



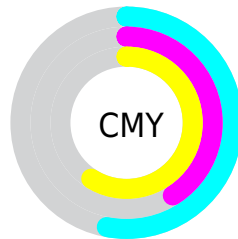
- Red (47%)
- Green (59%)
- Blue (41%)



- Red (41%)
- Yellow (59%)
- Blue (53%)



- Cyan (19%)
- Magenta (0%)
- Yellow (30%)
- Black (41%)




- Cyan (53%)
- Magenta (41%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 21.3413, 26.8976, 17.4315 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 21.3413, 26.8976, 17.4315 by changing the saturation by 10% instead.


 21.3413, 26.8976,
17.4315


 21.3413, 26.8976,
17.4315


251.7843,
287.1610, 249.7744


 13.4876, 17.4963,
10.3774


 45.1419, 54.7195,
39.8670


 7.8445, 10.5890,
5.5410


 61.8194, 73.9089,
56.0854

 4.0465, 5.7912,
2.5038

 82.1690, 97.1299,
76.1958

 1.7285, 2.7185,
0.8422

 106.5559,
124.7667, 100.6165

 0.4740, 0.9866,
0.0000

135.3456,
157.2038, 129.7662

 0.0000, 0.0000,
0.0000

168.9033,

194.8257, 164.0634

207.5944,
238.0166, 203.9266

■ 21.3413, 26.8976,
17.4315

■ 21.3413, 26.8976,
17.4315

■ 19.3499, 25.9532,
13.6627

■ 23.6059, 27.9688,
21.9242

■ 17.6186, 25.1271,
10.5781

■ 26.1520, 29.1678,
27.1740

■ 16.1360, 24.4153,
8.1372


■ 28.9903, 30.5002,
33.2143


■ 14.8890, 23.8120,
6.2940


■ 32.1301, 31.9702,
40.0760


■ 13.8634, 23.3109,
4.9970


■ 35.5802, 33.5817,
47.7883


 13.0427, 22.9049,
4.1856

 39.3493, 35.3385,
56.3789

 12.3925, 22.5797,
3.7052

 43.4454, 37.2442,
65.8743

 47.8766, 39.3024,
76.2999

 52.6504, 41.5164,
87.6801

Harmonies

Analogous

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



24.1482, 26.8976, 14.4082



21.3413, 26.8976, 17.4315



19.7547, 26.8976, 23.9762

Triad

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



21.3413, 26.8976, 17.4315



23.6367, 26.8976, 51.3578



32.5848, 26.8976, 25.3425

Complementary

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



21.3413, 26.8976, 17.4315



20.3893, 17.3742, 31.1346

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.



32.4165, 26.8976, 35.3291



21.3413, 26.8976, 17.4315



27.0369, 26.8976, 51.9573

Square

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



21.3413, 26.8976, 17.4315



20.9959, 26.8976, 44.0849



30.3130, 26.8976, 45.5749



30.7539, 26.8976, 18.2374

Rectangle

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



21.3413, 26.8976, 17.4315



19.5064, 26.8976, 30.1559



30.3130, 26.8976, 45.5749



32.7646, 26.8976, 28.4347

Sweetspot

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



21.3420, 26.8988, 17.4321



46.5429, 51.6567, 48.7779



23.5847, 24.4174, 16.8349



10.1743, 11.3819, 10.5158



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.



21.3420, 26.8988, 17.4321



35.2519, 46.3248, 26.1630



19.6021, 25.9649, 19.0180



5.9126, 6.5628, 6.1956



10.3099, 18.7428, 3.0743



0.1561, 0.2448, 0.0390

Inverse Universe

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



20.3893, 17.3742, 31.1346



33.2882, 26.7440, 54.3289



22.6643, 18.6015, 28.7828



5.8373, 5.8071, 7.2830



8.6612, 3.9376, 24.2346



0.1382, 0.0648, 0.2981

Previews

White Background



This preview shows how the XYZ color 21.3413, 26.8976, 17.4315 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 21.3413, 26.8976, 17.4315 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 21.3413, 26.8976, 17.4315

Background



This preview shows how black text looks on a background with the XYZ color 21.3413, 26.8976, 17.4315.



This preview shows how white text looks on a background with the XYZ color 21.3413, 26.8976,

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

21.3413, 26.8976, 17.4315

Protanopia

24.8227, 26.6647, 16.1504

Deuteranopia

27.2368, 26.7980, 17.9244



Tritanopia

24.9429, 26.9802, 34.9034

Trichromacy



Original Color

21.3413, 26.8976, 17.4315

Protanomaly

23.3560, 26.5685, 16.4676

Deuteranomaly

24.7564, 26.5953, 17.7385

Tritanomaly

23.3984, 26.7995, 27.6065

Monochromacy



Original Color

21.3413, 26.8976, 17.4315

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.5866, 25.3557, 23.1057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3413, 26.8976, 17.4315 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(121, 150, 105)` looks like.

```
.text, #text, p{  
    color:rgb(121, 150, 105)  
}
```

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(121, 150, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 150, 105) }
```

Border

The CSS property to change the border of an element to XYZ 21.3413, 26.8976, 17.4315 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(121, 150, 105) }
```


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

```
.border{ border-color:rgb(121, 150, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 150, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 150, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 150, 105);  
box-shadow:4px 4px 4px 4px rgb(121, 150,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3413, 26.8976, 17.4315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 150, 105) }
```

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

```
.background{ background-color: rgb(121,  
150, 105) }
```

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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