

Converting Colors

XYZ(21.4059, 17.1161, 26.5698)

Have a look what the booklet for
XYZ(21.4059, 17.1161, 26.5698)
contains.

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Color

**XYZ(21.3348, 17.0837,
26.5991)**

Conversions

Conversions Part 1

Format	Color
Hex	94638B
RGB	148, 99, 139
RGB Percent	58%, 39%, 55%
CMY	0.4196, 0.6117, 0.4549
CMYK	0.00, 0.33, 0.06, 0.42
HSL	311°, 20%, 48%
HSV	311°, 33%, 58%
XYZ	21.3348, 17.0837, 26.5991
YIQ	118.2110, 16.3640, 22.8280

Conversions

Conversions Part 2

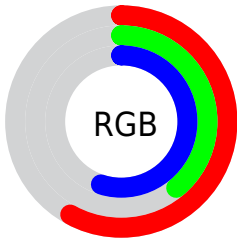
Format	Color
R_{YB}	148, 99, 139
Decimal	9724811
CIE Lab	48.37, 26.43, -14.05
CIE LCh	48, 29.935, 332.006
Yxy	17.0837, 0.3281, 0.2628
Android (android.graphics.Color)	4287914891 (0xFF94638B)
YUV	118.2110, 10.2490, 26.1250
Hunter-Lab	41.3324, 19.8056, -9.2228

Details

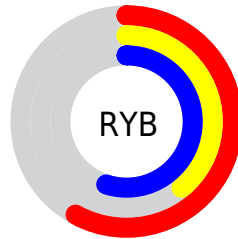
The XYZ color **21.3348, 17.0837, 26.5991** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.4430, 24.9157, 18.0256**, and the grayscale version is **17.2518, 18.1502, 19.7656**.

A 20% lighter version of the original color is **45.3208, 38.6800, 55.5294**, and **7.8109, 5.5757, 10.1157** is the 20% darker color. If you saturate the color by 10%, you get **19.8631, 14.4539, 25.1407**, and if you desaturate by 10%, it is **23.0695, 20.2310, 28.1699**.

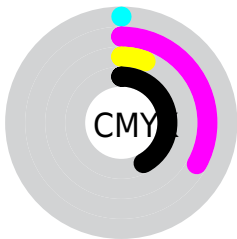
Distribution



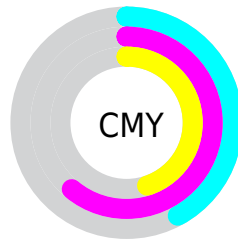
- Red (58%)
- Green (39%)
- Blue (55%)



- Red (58%)
- Yellow (39%)
- Blue (55%)



- Cyan (0%)
- Magenta (33%)
- Yellow (6%)
- Black (42%)



- Cyan (42%)
- Magenta (61%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.3348, 17.0837, 26.5991 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 21.3348, 17.0837, 26.5991 by changing the saturation by 10% instead.

■ 21.3348, 17.0837,
26.5991

■ 21.3348, 17.0837,
26.5991

251.7506,
235.6543, 299.4093

■ 13.4828, 10.2942,
17.0426

■ 45.1312, 38.4696,
55.2358

■ 7.8411, 5.5944,
10.1026

■ 61.8062, 53.8348,
75.1530

■ 4.0444, 2.6001,
5.3605

■ 82.1531, 72.8274,
99.3609

■ 1.7273, 0.9267,
2.3979

■ 106.5370, 95.8317,
128.2780

■ 0.4733, 0.0000,
0.7853

135.3233,
123.2321, 162.3229

■ 0.0000, 0.0000,
0.0000

168.8775,

155.4131, 201.9140

207.5648,
192.7590, 247.4700

■ 21.3348, 17.0837,
26.5991

■ 21.3348, 17.0837,
26.5991

■ 19.8631, 14.4539,
25.1407

■ 23.0695, 20.2310,
28.1699

■ 18.6386, 12.3111,
23.7888

■ 25.0786, 23.9194,
29.8565

■ 17.6465, 10.6253,
22.5384

■ 27.3749, 28.1739,
31.6635

■ 16.8697, 9.3622,
21.3836

■ 29.9695, 33.0174,
33.5949

■ 16.2884, 8.4825,
20.3176

■ 32.8735, 38.4712,
35.6544

■ 15.8793, 7.9398,
19.3325

■ 36.0970, 44.5559,
37.8457

■ 15.6527, 7.6719,
18.6855

■ 39.6497, 51.2909,
40.1721

■ 43.5411, 58.6948,
42.6369

■ 47.7800, 66.7855,
45.2433

Harmonies

Analogous

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



19.1856, 17.0837, 34.5084



21.3348, 17.0837, 26.5991



22.0771, 17.0837, 18.0793

Triad

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



21.3348, 17.0837, 26.5991



16.0543, 17.0837, 7.2487



12.1758, 17.0837, 27.7743

Complementary

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



21.3348, 17.0837, 26.5991



18.4430, 24.9157, 18.0256

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.



11.5308, 17.0837, 19.1331



21.3348, 17.0837, 26.5991



13.6081, 17.0837, 8.5337

Square

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



21.3348, 17.0837, 26.5991



18.8317, 17.0837, 8.2241



12.0246, 17.0837, 12.3926



13.8933, 17.0837, 35.3101

Rectangle

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



21.3348, 17.0837, 26.5991



21.6144, 17.0837, 13.5118



12.0246, 17.0837, 12.3926



11.8357, 17.0837, 24.8309

Sweetspot

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



21.3353, 17.0845, 26.5995



45.3739, 44.2810, 53.5840



15.9903, 14.2498, 29.9250



10.2439, 9.8977, 12.1409



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.



21.3353, 17.0845, 26.5995



35.6066, 26.4956, 44.9359



19.7420, 16.4471, 18.2092



5.9901, 5.8911, 7.0540



13.3790, 6.5566, 16.0084



0.1733, 0.0841, 0.2462

Inverse Universe

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



21.3353, 17.0845, 26.5995



35.6066, 26.4956, 44.9359



19.9342, 25.5122, 25.8779



5.9901, 5.8911, 7.0540



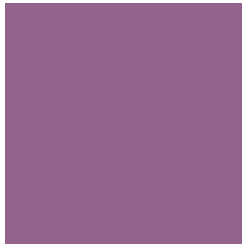
13.3790, 6.5566, 16.0084



0.1733, 0.0841, 0.2462

Previews

White Background



This preview shows how the XYZ color 21.3348, 17.0837, 26.5991 looks on a white background.

Color Contrast Check

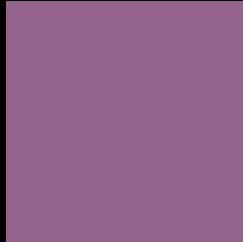
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 21.3348, 17.0837, 26.5991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

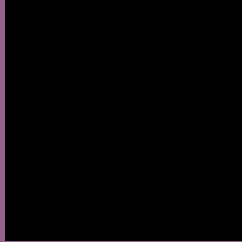
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.3348, 17.0837, 26.5991

Background



This preview shows how black text looks on a background with the XYZ color 21.3348, 17.0837, 26.5991.



This preview shows how white text looks on a background with the XYZ color 21.3348, 17.0837,

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

21.3348, 17.0837, 26.5991

Protanopia

17.3860, 17.2687, 30.8506

Deuteranopia

17.5120, 17.1075, 26.0460



Tritanopia

19.5520, 17.0902, 17.5975

Trichromacy



Original Color

21.3348, 17.0837, 26.5991

Protanomaly

18.4646, 17.0466, 29.1052

Deuteranomaly

18.7472, 16.9396, 26.3263

Tritanomaly

20.1183, 17.0189, 20.6370

Monochromacy



Original Color

21.3348, 17.0837, 26.5991

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.5036, 17.5424, 22.1494

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.3348, 17.0837, 26.5991 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(148, 99, 139)` looks like.

```
.text, #text, p{  
    color:rgb(148, 99, 139)  
}
```

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(148, 99, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 99, 139) }
```

Border

The CSS property to change the border of an element to XYZ 21.3348, 17.0837, 26.5991 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(148, 99, 139) }
```


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

```
.border{ border-color:rgb(148, 99, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 99, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 99, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 99, 139);  
box-shadow:4px 4px 4px 4px rgb(148, 99,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 21.3348, 17.0837, 26.5991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 99, 139) }
```

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

```
.background{ background-color: rgb(148, 99,  
139) }
```

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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