

Converting Colors

XYZ(21.1762, 16.3487, 26.9410)

Have a look what the booklet for
XYZ(21.1762, 16.3487, 26.9410)
contains.

XYZ(21.1308, 16.2884, 26.8412)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.1308, 16.2884,
26.8412)**

Conversions

Conversions Part 1

Format	Color
Hex	955E8C
RGB	149, 94, 140
RGB Percent	58%, 37%, 55%
CMY	0.4157, 0.6314, 0.4510
CMYK	0.00, 0.37, 0.06, 0.42
HSL	310°, 23%, 48%
HSV	310°, 37%, 58%
XYZ	21.1308, 16.2884, 26.8412
YIQ	115.6890, 18.0140, 25.9660

Conversions

Conversions Part 2

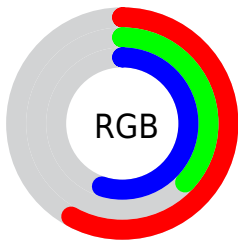
Format	Color
R_{YB}	149, 94, 140
Decimal	9789068
CIE _{Lab}	47.35, 29.83, -16.18
CIE _{LCh}	47, 33.939, 331.530
Yxy	16.2884, 0.3288, 0.2535
Android (android.graphics.Color)	4287979148 (0xFF955E8C)
YUV	115.6890, 11.9853, 29.2137
Hunter-Lab	40.3589, 22.8296, -11.1804

Details

The XYZ color **21.1308, 16.2884, 26.8412** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.8124, 24.8545, 16.6916**, and the grayscale version is **16.4665, 17.3240, 18.8658**.

A 20% lighter version of the original color is **44.7648, 36.9832, 55.8180**, and **7.7522, 5.2336, 10.2745** is the 20% darker color. If you saturate the color by 10%, you get **19.7539, 13.8189, 25.5050**, and if you desaturate by 10%, it is **22.7685, 19.2726, 28.2843**.

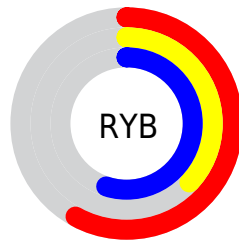
Distribution



Red (58%)

Green (37%)

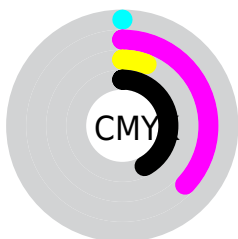
Blue (55%)



Red (58%)

Yellow (37%)

Blue (55%)

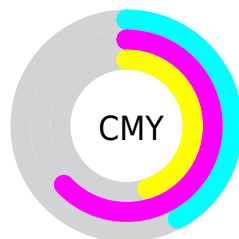


Cyan (0%)

Magenta (37%)

Yellow (6%)

Black (42%)



Cyan (42%)

Magenta (63%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1308, 16.2884, 26.8412 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 21.1308, 16.2884, 26.8412 by changing the saturation by 10% instead.

■ 21.1308, 16.2884,
26.8412

■ 21.1308, 16.2884,
26.8412

250.6914,
231.0375, 300.6232

■ 13.3327, 9.7285,
17.2226

■ 44.7948, 37.0982,
55.6296

■ 7.7366, 5.2193,
10.2297

■ 61.3913, 52.1168,
75.6364

■ 3.9772, 2.3765,
5.4439

■ 81.6513, 70.7237,
99.9432

■ 1.6893, 0.8138,
2.4468

■ 105.9402, 93.3034,
128.9682

■ 0.4495, 0.0000,
0.8117

134.6233,
120.2403, 163.1303

■ 0.0000, 0.0000,
0.0000

168.0659,

151.9186, 202.8477

206.6335,
188.7229, 248.5392

■ 21.1308, 16.2884,
26.8412

■ 21.1308, 16.2884,
26.8412

■ 19.7539, 13.8189,
25.5050

■ 22.7685, 19.2726,
28.2843

■ 18.6214, 11.8322,
24.2697

■ 24.6791, 22.7963,
29.8380

■ 17.7176, 10.2965,
23.1300

■ 26.8757, 26.8857,
31.5069

■ 17.0241, 9.1752,
22.0797

■ 29.3702, 31.5644,
33.2952

■ 16.5198, 8.4261,
21.1117

■ 32.1738, 36.8547,
35.2066

■ 16.1699, 7.9797,
20.2141

■ 35.2971, 42.7777,
37.2449

■ 16.0719, 7.8606,
19.9440

■ 38.7501, 49.3537,
39.4134

■ 42.5425, 56.6019,
41.7157

■ 46.6836, 64.5407,
44.1547

Harmonies

Analogous

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



18.7009, 16.2884, 35.8886



21.1308, 16.2884, 26.8412



21.9989, 16.2884, 17.2975

Triad

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



21.1308, 16.2884, 26.8412



15.3280, 16.2884, 5.8107



11.0641, 16.2884, 27.8618

Complementary

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



21.1308, 16.2884, 26.8412



17.8124, 24.8545, 16.6916

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.



10.3983, 16.2884, 18.1804



21.1308, 16.2884, 26.8412



12.6548, 16.2884, 7.0464

Square

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



21.1308, 16.2884, 26.8412



18.3997, 16.2884, 6.8105



10.9413, 16.2884, 10.9641



12.8897, 16.2884, 36.5995

Rectangle

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



21.1308, 16.2884, 26.8412



21.4963, 16.2884, 12.3336



10.9413, 16.2884, 10.9641



10.7087, 16.2884, 24.5207

Sweetspot

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



21.1313, 16.2891, 26.8415



46.3696, 44.8631, 55.1092



14.9361, 13.0155, 30.1593



10.1712, 9.7470, 12.1333



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.



21.1313, 16.2891, 26.8415



35.8377, 25.5687, 46.1436



19.3925, 15.5936, 17.6852



5.9950, 5.8931, 7.0797



13.5357, 6.6193, 16.8337



0.1744, 0.0845, 0.2521

Inverse Universe

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



21.1313, 16.2891, 26.8415



35.8377, 25.5687, 46.1436



19.3767, 25.4802, 24.9288



5.9950, 5.8931, 7.0797



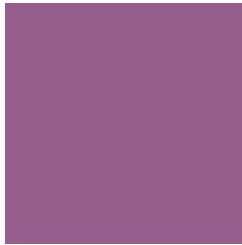
13.5357, 6.6193, 16.8337



0.1744, 0.0845, 0.2521

Previews

White Background



This preview shows how the XYZ color 21.1308, 16.2884, 26.8412 looks on a white background.

Color Contrast Check

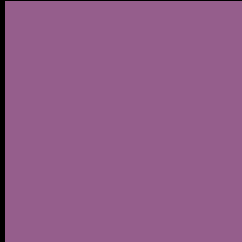
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1308, 16.2884, 26.8412 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 21.1308, 16.2884, 26.8412

Background



This preview shows how black text looks on a background with the XYZ color 21.1308, 16.2884, 26.8412.



This preview shows how white text looks on a background with the XYZ color 21.1308, 16.2884,

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

21.1308, 16.2884, 26.8412

Protanopia

16.8010, 16.4355, 32.4238

Deuteranopia

16.6468, 16.3375, 25.9430



Tritanopia

18.9410, 16.2168, 16.3192

Trichromacy



Original Color

21.1308, 16.2884, 26.8412

Protanomaly

17.8681, 16.0928, 30.1814

Deuteranomaly

17.9952, 16.0956, 26.2031

Tritanomaly

19.6119, 16.2024, 19.8630

Monochromacy



Original Color

21.1308, 16.2884, 26.8412

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

17.9663, 16.7950, 21.6969

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1308, 16.2884, 26.8412 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(149, 94, 140)` looks like.

```
.text, #text, p{  
    color:rgb(149, 94, 140)  
}
```

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(149, 94, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 94, 140) }
```

Border

The CSS property to change the border of an element to XYZ 21.1308, 16.2884, 26.8412 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(149, 94, 140) }
```


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

```
.border{ border-color:rgb(149, 94, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 94, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 94, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 94, 140);  
box-shadow:4px 4px 4px 4px rgb(149, 94,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1308, 16.2884, 26.8412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 94, 140) }
```

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

```
.background{ background-color: rgb(149, 94,  
140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor