

Converting Colors

XYZ(21.2541, 19.0642, 26.5595)

Have a look what the booklet for
XYZ(21.2541, 19.0642, 26.5595)
contains.

XYZ(21.1968, 18.9988, 26.5947)	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(21.1968, 18.9988,
26.5947)**

Conversions

Conversions Part 1

Format	Color
Hex	8C708A
RGB	140, 112, 138
RGB Percent	55%, 44%, 54%
CMY	0.4510, 0.5608, 0.4588
CMYK	0.00, 0.20, 0.01, 0.45
HSL	304°, 11%, 49%
HSV	304°, 20%, 55%
XYZ	21.1968, 18.9988, 26.5947
YIQ	123.3360, 8.3420, 14.0220

Conversions

Conversions Part 2

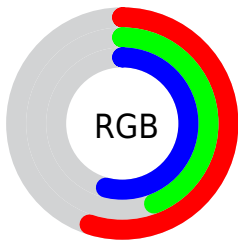
Format	Color
R_{YB}	140, 112, 138
Decimal	9203850
CIE _{Lab}	50.69, 15.77, -10.04
CIE _{LCh}	51, 18.700, 327.515
Yxy	18.9988, 0.3174, 0.2845
Android (android.graphics.Color)	4287393930 (0xFF8C708A)
YUV	123.3360, 7.2294, 14.6143
Hunter-Lab	43.5876, 10.5268, -5.6641

Details

The XYZ color **21.1968, 18.9988, 26.5947** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.0982, 23.4163, 19.4338**, and the grayscale version is **18.9131, 19.8981, 21.6690**.

A 20% lighter version of the original color is **44.9276, 41.7818, 54.9870**, and **7.8113, 6.5450, 10.0841** is the 20% darker color. If you saturate the color by 10%, you get **19.6987, 16.1177, 25.7400**, and if you desaturate by 10%, it is **22.9369, 22.3622, 27.5338**.

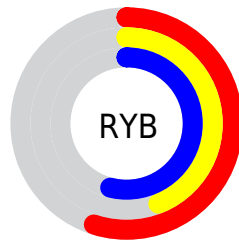
Distribution



Red (55%)

Green (44%)

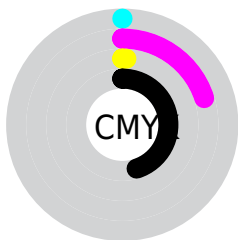
Blue (54%)



Red (55%)

Yellow (44%)

Blue (54%)

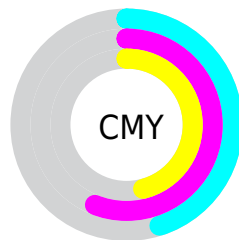


Cyan (0%)

Magenta (20%)

Yellow (1%)

Black (45%)



Cyan (45%)

Magenta (56%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1968, 18.9988, 26.5947 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 21.1968, 18.9988, 26.5947 by changing the saturation by 10% instead.

■ 21.1968, 18.9988,
26.5947

■ 21.1968, 18.9988,
26.5947

251.0345,
246.4421, 299.3872

■ 13.3812, 11.6694,
17.0393

■ 44.9036, 41.7321,
55.2286

■ 7.7704, 6.5190,
10.1003

■ 61.5256, 57.9047,
75.1442

■ 3.9989, 3.1632,
5.3590

■ 81.8138, 77.7940,
99.3503

■ 1.7015, 1.2175,
2.3970

■ 106.1334,
101.7841, 128.2655

■ 0.4572, 0.0759,
0.7848

134.8500,
130.2596, 162.3082

■ 0.0000, 0.0000,
0.0000

168.3288,

163.6049, 201.8970

206.9352,
202.2042, 247.4505

■ 21.1968, 18.9988,
26.5947

■ 21.1968, 18.9988,
26.5947

■ 19.6987, 16.1177,
25.7400

■ 22.9369, 22.3622,
27.5338

■ 18.4299, 13.6943,
24.9647

■ 24.9276, 26.2262,
28.5596

■ 17.3789, 11.7055,
24.2654

■ 27.1793, 30.6110,
29.6756

■ 16.5328, 10.1254,
23.6375

■ 29.7012, 35.5352,
30.8850

■ 15.8771, 8.9251,
23.0765

■ 32.5020, 41.0162,
32.1908

■ 15.3955, 8.0721,
22.5767

■ 35.5902, 47.0708,
33.5956

■ 15.0692, 7.5284,
22.1319

■ 38.9738, 53.7150,
35.1023

■ 14.8447, 7.1873,
21.7242

■ 42.6604, 60.9643,
36.7133

■ 14.8446, 7.1872,
21.7241

■ 46.6575, 68.8335,
38.4312

Harmonies

Analogous

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



19.7354, 18.9988, 30.9915



21.1968, 18.9988, 26.5947



21.8126, 18.9988, 21.1272

Triad

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



21.1968, 18.9988, 26.5947



18.2110, 18.9988, 12.1523



15.1090, 18.9988, 25.7086

Complementary

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



21.1968, 18.9988, 26.5947



19.0982, 23.4163, 19.4338

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.



14.7607, 18.9988, 20.2519



21.1968, 18.9988, 26.5947



16.4781, 18.9988, 12.9639

Square

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



21.1968, 18.9988, 26.5947



20.0175, 18.9988, 13.2870



15.2451, 18.9988, 15.7253



16.2303, 18.9988, 30.4221

Rectangle

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



21.1968, 18.9988, 26.5947



21.6315, 18.9988, 17.7950



15.2451, 18.9988, 15.7253



14.9011, 18.9988, 23.8753

Sweetspot

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



21.1974, 18.9996, 26.5951



41.7438, 41.9559, 49.2247



17.4508, 17.0513, 27.1826



9.5748, 9.5823, 11.3198



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



21.1974, 18.9996, 26.5951



36.1292, 31.1038, 46.1906



20.2565, 18.6233, 21.6408



5.2187, 5.1229, 6.2401



13.1930, 6.3873, 19.3186



0.0898, 0.0433, 0.1396

Inverse Universe

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



21.1974, 18.9996, 26.5951



36.1292, 31.1038, 46.1906



19.9483, 23.7564, 23.9108



5.2187, 5.1229, 6.2401



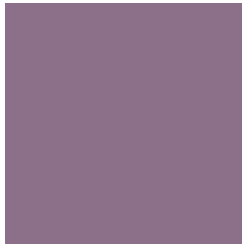
13.1930, 6.3873, 19.3186



0.0898, 0.0433, 0.1396

Previews

White Background



This preview shows how the XYZ color 21.1968, 18.9988, 26.5947 looks on a white background.

Color Contrast Check

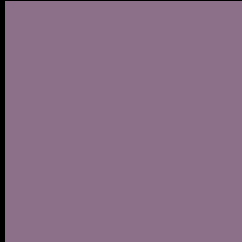
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1968, 18.9988, 26.5947 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 21.1968, 18.9988, 26.5947

Background



This preview shows how black text looks on a background with the XYZ color 21.1968, 18.9988, 26.5947.



This preview shows how white text looks on a background with the XYZ color 21.1968, 18.9988,

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

21.1968, 18.9988, 26.5947

Protanopia

18.8769, 19.1291, 28.6840

Deuteranopia

19.4512, 19.1230, 26.3328



Tritanopia

20.1871, 19.0948, 21.3606

Trichromacy



Original Color

21.1968, 18.9988, 26.5947

Protanomaly

19.6265, 19.0056, 27.8333

Deuteranomaly

19.9667, 19.0428, 26.2902

Tritanomaly

20.5611, 19.0821, 23.0216

Monochromacy



Original Color

21.1968, 18.9988, 26.5947

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.5464, 19.4193, 23.1402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1968, 18.9988, 26.5947 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(140, 112, 138)` looks like.

```
.text, #text, p{  
    color:rgb(140, 112, 138)  
}
```

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(140, 112, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 112, 138) }
```

Border

The CSS property to change the border of an element to XYZ 21.1968, 18.9988, 26.5947 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(140, 112, 138) }
```


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

```
.border{ border-color:rgb(140, 112, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 112, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 112, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 112, 138);  
box-shadow:4px 4px 4px 4px rgb(140, 112,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1968, 18.9988, 26.5947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 112, 138) }
```

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

```
.background{ background-color: rgb(140,  
112, 138) }
```

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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