

Converting Colors

XYZ(21.7004, 18.2024, 26.4015)

Have a look what the booklet for
XYZ(21.7004, 18.2024, 26.4015)
contains.

XYZ(21.6716, 18.1412, 26.4041)	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(21.6716, 18.1412,
26.4041)**

Conversions

Conversions Part 1

Format	Color
Hex	93698A
RGB	147, 105, 138
RGB Percent	58%, 41%, 54%
CMY	0.4235, 0.5882, 0.4588
CMYK	0.00, 0.29, 0.06, 0.42
HSL	313°, 17%, 49%
HSV	313°, 29%, 58%
XYZ	21.6716, 18.1412, 26.4041
YIQ	121.3200, 14.4390, 19.1670

Conversions

Conversions Part 2

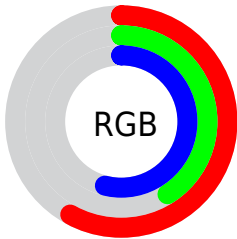
Format	Color
R_{YB}	147, 105, 138
Decimal	9660810
CIE _{Lab}	49.67, 22.41, -11.50
CIE _{LCh}	50, 25.191, 332.837
Yxy	18.1412, 0.3273, 0.2740
Android (android.graphics.Color)	4287850890 (0xFF93698A)
YUV	121.3200, 8.2232, 22.5214
Hunter-Lab	42.5925, 16.2862, -6.9405

Details

The XYZ color **21.6716, 18.1412, 26.4041** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.2974, 25.0860, 19.7457**, and the grayscale version is **18.2489, 19.1993, 20.9080**.

A 20% lighter version of the original color is **45.8181, 40.4321, 54.6795**, and **8.0484, 6.1176, 9.9891** is the 20% darker color. If you saturate the color by 10%, you get **20.0772, 15.3118, 24.7638**, and if you desaturate by 10%, it is **23.5326, 21.4925, 28.1663**.

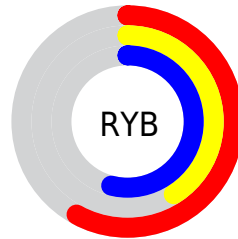
Distribution



Red (58%)

Green (41%)

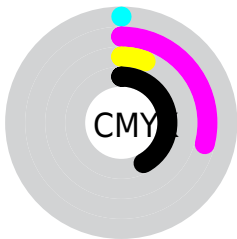
Blue (54%)



Red (58%)

Yellow (41%)

Blue (54%)

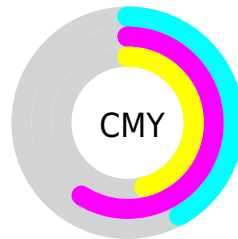


Cyan (0%)

Magenta (29%)

Yellow (6%)

Black (42%)



Cyan (42%)

Magenta (59%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6716, 18.1412, 26.4041 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 21.6716, 18.1412, 26.4041 by changing the saturation by 10% instead.

■ 21.6716, 18.1412,
26.4041

■ 21.6716, 18.1412,
26.4041

253.4912,
241.6657, 298.4285

■ 13.7310, 11.0514,
16.8977

■ 45.6855, 40.2778,
54.9182

■ 8.0143, 6.1014,
10.0004

■ 62.4896, 56.0934,
74.7630

■ 4.1560, 2.9069,
5.2936

■ 82.9789, 75.5863,
98.8911

■ 1.7907, 1.0833,
2.3588

■ 107.5188, 99.1411,
127.7209

■ 0.5121, 0.0000,
0.7639

136.4746,
127.1420, 161.6710

■ 0.0000, 0.0000,
0.0000

170.2117,

159.9735, 201.1599

209.0954,
198.0199, 246.6063

■ 21.6716, 18.1412,
26.4041

■ 21.6716, 18.1412,
26.4041

■ 20.0772, 15.3118,
24.7638

■ 23.5326, 21.4925,
28.1663

■ 18.7343, 12.9753,
23.2394

■ 25.6708, 25.3880,
30.0537

■ 17.6289, 11.1033,
21.8264

■ 28.0985, 29.8517,
32.0708

■ 16.7449, 9.6639,
20.5190

■ 30.8267, 34.9053,
34.2214

■ 16.0643, 8.6209,
19.3108

■ 33.8656, 40.5697,
36.5093

■ 15.5659, 7.9322,
18.1947

■ 37.2252, 46.8643,
38.9381

■ 15.2050, 7.5085,
17.1554

■ 40.9149, 53.8080,
41.5111

■ 15.1560, 7.4524,
17.0100

■ 44.9437, 61.4188,
44.2317

■ 49.3204, 69.7139,
47.1028

Harmonies

Analogous

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



19.8615, 18.1412, 33.0310



21.6716, 18.1412, 26.4041



22.2617, 18.1412, 19.1073

Triad

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



21.6716, 18.1412, 26.4041



17.0158, 18.1412, 9.2936



13.6565, 18.1412, 27.7994

Complementary

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



21.6716, 18.1412, 26.4041



19.2974, 25.0860, 19.7457

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.



13.0411, 18.1412, 20.4124



21.6716, 18.1412, 26.4041



14.8648, 18.1412, 10.6165

Square

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



21.6716, 18.1412, 26.4041



19.4310, 18.1412, 10.1909



13.4624, 18.1412, 14.3241



15.2251, 18.1412, 33.9589

Rectangle

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



21.6716, 18.1412, 26.4041



21.8431, 18.1412, 15.0647



13.4624, 18.1412, 14.3241



13.3382, 18.1412, 25.3244

Sweetspot

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



21.6721, 18.1420, 26.4045



45.7220, 45.0074, 53.6069



17.1805, 15.7480, 29.7381



10.3143, 10.0493, 12.1312



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.



21.6721, 18.1420, 26.4045



37.0057, 29.2750, 45.4601



20.3311, 17.6056, 19.3427



5.9826, 5.8881, 7.0148



13.1486, 6.4645, 14.7955



0.1716, 0.0834, 0.2372

Inverse Universe

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



21.6721, 18.1420, 26.4045



37.0057, 29.2750, 45.4601



20.5911, 25.6035, 26.5580



5.9826, 5.8881, 7.0148



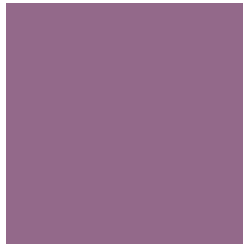
13.1486, 6.4645, 14.7955



0.1716, 0.0834, 0.2372

Previews

White Background



This preview shows how the XYZ color 21.6716, 18.1412, 26.4041 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 21.6716, 18.1412, 26.4041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

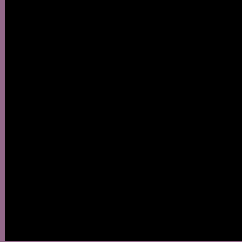
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.6716, 18.1412, 26.4041

Background



This preview shows how black text looks on a background with the XYZ color 21.6716, 18.1412, 26.4041.



This preview shows how white text looks on a background with the XYZ color 21.6716, 18.1412,

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

21.6716, 18.1412, 26.4041

Protanopia

18.2317, 18.2426, 29.7544

Deuteranopia

18.4598, 18.1040, 25.8140



Tritanopia

20.1811, 18.1509, 19.2694

Trichromacy



Original Color

21.6716, 18.1412, 26.4041

Protanomaly

19.3205, 18.1534, 28.4723

Deuteranomaly

19.4057, 17.9208, 26.1032

Tritanomaly

20.7413, 18.2255, 21.8267

Monochromacy



Original Color

21.6716, 18.1412, 26.4041

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.1674, 18.5396, 22.6469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6716, 18.1412, 26.4041 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(147, 105, 138)` looks like.

```
.text, #text, p{  
    color:rgb(147, 105, 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(147, 105, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 105, 138) }
```

Border

The CSS property to change the border of an element to XYZ 21.6716, 18.1412, 26.4041 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(147, 105, 138) }
```


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

```
.border{ border-color:rgb(147, 105, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 105, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 105, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 105, 138);  
box-shadow:4px 4px 4px 4px rgb(147, 105,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6716, 18.1412, 26.4041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 105, 138) }
```

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

```
.background{ background-color: rgb(147,  
105, 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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