

Converting Colors

XYZ(21.3931, 17.5939, 30.1065)

Have a look what the booklet for
XYZ(21.3931, 17.5939, 30.1065)
contains.

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Color

**XYZ(21.5232, 17.6783,
30.2948)**

Conversions

Conversions Part 1

Format	Color
Hex	8F6794
RGB	143, 103, 148
RGB Percent	56%, 40%, 58%
CMY	0.4392, 0.5961, 0.4196
CMYK	0.03, 0.30, 0.00, 0.42
HSL	293°, 18%, 49%
HSV	293°, 30%, 58%
XYZ	21.5232, 17.6783, 30.2948
YIQ	120.0900, 9.3950, 22.4750

Conversions

Conversions Part 2

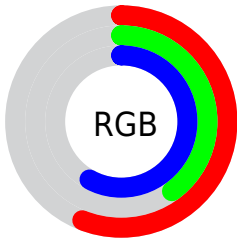
Format	Color
R_{YB}	143, 103, 148
Decimal	9398164
CIE _{Lab}	49.10, 24.14, -18.32
CIE _{LCh}	49, 30.306, 322.809
Yxy	17.6783, 0.3097, 0.2544
Android (android.graphics.Color)	4287588244 (0xFF8F6794)
YUV	120.0900, 13.7596, 20.0921
Hunter-Lab	42.0456, 17.7947, -13.2879

Details

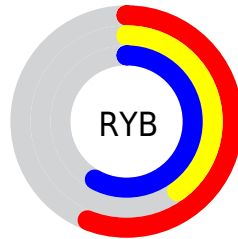
The XYZ color **21.5232, 17.6783, 30.2948** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.2231, 25.3477, 16.7124**, and the grayscale version is **17.8372, 18.7661, 20.4363**.

A 20% lighter version of the original color is **45.4080, 39.5773, 61.1230**, and **7.9375, 5.8708, 12.0241** is the 20% darker color. If you saturate the color by 10%, you get **19.8970, 14.8451, 29.8339**, and if you desaturate by 10%, it is **23.4153, 21.0364, 30.8435**.

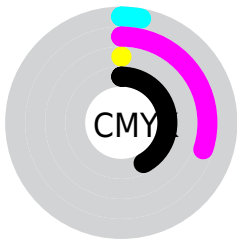
Distribution



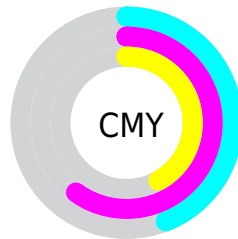
- Red (56%)
- Green (40%)
- Blue (58%)



- Red (56%)
- Yellow (40%)
- Blue (58%)



- Cyan (3%)
- Magenta (30%)
- Yellow (0%)
- Black (42%)



- Cyan (44%)
- Magenta (60%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5232, 17.6783, 30.2948 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 21.5232, 17.6783, 30.2948 by changing the saturation by 10% instead.

■ 21.5232, 17.6783,
30.2948

■ 21.5232, 17.6783,
30.2948

252.7255,
239.0515, 317.5262

■ 13.6216, 10.7193,
19.8085

■ 45.4414, 39.4884,
61.1946

■ 7.9379, 5.8784,
12.0732

■ 62.1888, 55.1082,
82.4452

■ 4.1067, 2.7713,
6.6704

■ 82.6154, 74.3838,
108.1209

■ 1.7627, 1.0135,
3.1816

■ 107.0867, 97.6995,
138.6404

■ 0.4950, 0.0000,
1.1881

135.9680,
125.4397, 174.4221

■ 0.0000, 0.0000,
0.0000

169.6247,

157.9889, 215.8846

208.4221,
195.7313, 263.4464

■ 21.5232, 17.6783,
30.2948

■ 21.5232, 17.6783,
30.2948

■ 19.8970, 14.8451,
29.8339

■ 23.4153, 21.0364,
30.8435

■ 18.5212, 12.5069,
29.4551

■ 25.5844, 24.9425,
31.4831

■ 17.3813, 10.6345,
29.1538

■ 28.0428, 29.4212,
32.2180

■ 16.4608, 9.1946,
28.9244

■ 30.8019, 34.4948,
33.0519

■ 15.7408, 8.1495,
28.7606

■ 33.8723, 40.1847,
33.9884

■ 15.1991, 7.4551,
28.6551

■ 37.2639, 46.5109,
35.0307

■ 14.7917, 7.0079,
28.5903

■ 40.9865, 53.4926,
36.1821

■ 45.0493, 61.1483,
37.4457

■ 49.4611, 69.4957,
38.8243

Harmonies

Analogous

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



19.0026, 17.6783, 37.4940



21.5232, 17.6783, 30.2948



22.8031, 17.6783, 21.2671

Triad

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



21.5232, 17.6783, 30.2948



17.4934, 17.6783, 7.5539



12.2675, 17.6783, 25.9472

Complementary

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



21.5232, 17.6783, 30.2948



19.2231, 25.3477, 16.7124

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.



11.9597, 17.6783, 17.3622



21.5232, 17.6783, 30.2948



14.7795, 17.6783, 8.1570

Square

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



21.5232, 17.6783, 30.2948



20.3129, 17.6783, 9.3084



12.8284, 17.6783, 11.2787



13.7221, 17.6783, 34.5315

Rectangle

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



21.5232, 17.6783, 30.2948



22.6898, 17.6783, 15.9950



12.8284, 17.6783, 11.2787



12.0337, 17.6783, 22.9161

Sweetspot

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



21.5238, 17.6791, 30.2952



45.6449, 44.9212, 55.6995



16.3286, 15.8006, 30.2064



10.2941, 10.0267, 12.6776



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.



21.5238, 17.6791, 30.2952



36.1116, 27.9311, 52.9225



21.1434, 17.6292, 23.6730



5.9725, 5.8768, 7.2893



12.6484, 5.9931, 24.4212



0.1694, 0.0809, 0.2996

Inverse Universe

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



19.7704, 17.0800, 16.4431



32.5902, 26.7394, 24.5803



19.5894, 25.4260, 21.7250



5.8255, 5.8252, 6.1870



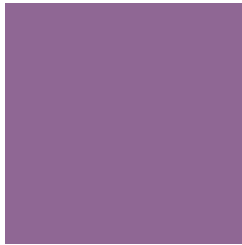
10.5200, 5.4131, 0.9536



0.1339, 0.0683, 0.0387

Previews

White Background



This preview shows how the XYZ color 21.5232, 17.6783, 30.2948 looks on a white background.

Color Contrast Check

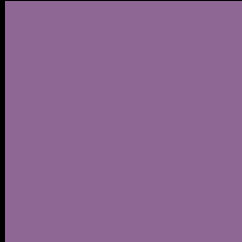
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5232, 17.6783, 30.2948 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 21.5232, 17.6783, 30.2948

Background



This preview shows how black text looks on a background with the XYZ color 21.5232, 17.6783, 30.2948.



This preview shows how white text looks on a background with the XYZ color 21.5232, 17.6783,

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

21.5232, 17.6783, 30.2948

Protanopia

18.0422, 17.6990, 34.3636

Deuteranopia

18.2585, 17.9142, 29.6896



Tritanopia

19.3270, 17.7106, 19.2295

Trichromacy



Original Color

21.5232, 17.6783, 30.2948

Protanomaly

19.1249, 17.6239, 32.9656

Deuteranomaly

19.4083, 17.8354, 30.0234

Tritanomaly

19.9692, 17.6494, 22.7762

Monochromacy



Original Color

21.5232, 17.6783, 30.2948

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.9487, 18.2355, 23.6402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5232, 17.6783, 30.2948 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(143, 103, 148)` looks like.

```
.text, #text, p{  
    color:rgb(143, 103, 148)  
}
```

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(143, 103, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 103, 148) }
```

Border

The CSS property to change the border of an element to XYZ 21.5232, 17.6783, 30.2948 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(143, 103, 148) }
```


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

```
.border{ border-color:rgb(143, 103, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 103, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 103, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 103, 148);  
box-shadow:4px 4px 4px 4px rgb(143, 103,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5232, 17.6783, 30.2948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 103, 148) }
```

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

```
.background{ background-color: rgb(143,  
103, 148) }
```

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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