

Converting Colors

XYZ(21.4682, 19.2420, 25.0654)

Have a look what the booklet for
XYZ(21.4682, 19.2420, 25.0654)
contains.

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Color

**XYZ(21.4249, 19.1492,
25.1212)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7086
RGB	143, 112, 134
RGB Percent	56%, 44%, 53%
CMY	0.4392, 0.5608, 0.4745
CMYK	0.00, 0.22, 0.06, 0.44
HSL	317°, 12%, 50%
HSV	317°, 22%, 56%
XYZ	21.4249, 19.1492, 25.1212
YIQ	123.7770, 11.4140, 13.4140

Conversions

Conversions Part 2

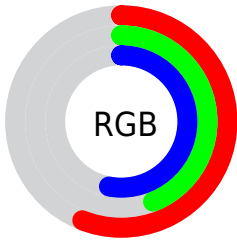
Format	Color
R_{YB}	143, 112, 134
Decimal	9400454
CIE _{Lab}	50.86, 16.10, -7.39
CIE _{LCh}	51, 17.715, 335.353
Yxy	19.1492, 0.3261, 0.2915
Android (android.graphics.Color)	4287590534 (0xFF8F7086)
YUV	123.7770, 5.0399, 16.8586
Hunter-Lab	43.7598, 10.8144, -3.4048

Details

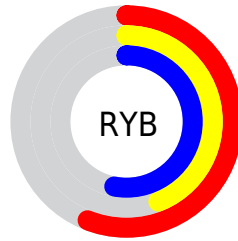
The XYZ color **21.4249, 19.1492, 25.1212** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.9565, 24.4706, 21.7617**, and the grayscale version is **19.0655, 20.0584, 21.8436**.

A 20% lighter version of the original color is **45.2711, 42.0091, 52.7362**, and **7.8473, 6.5822, 9.2444** is the 20% darker color. If you saturate the color by 10%, you get **19.6869, 16.1273, 23.1412**, and if you desaturate by 10%, it is **23.4260, 22.6785, 27.2455**.

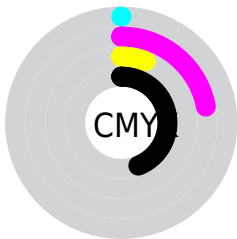
Distribution



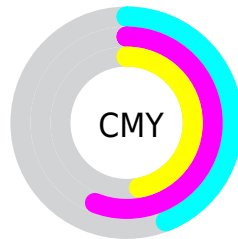
- Red (56%)
- Green (44%)
- Blue (53%)



- Red (56%)
- Yellow (44%)
- Blue (53%)



- Cyan (0%)
- Magenta (22%)
- Yellow (6%)
- Black (44%)



- Cyan (44%)
- Magenta (56%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4249, 19.1492, 25.1212 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 21.4249, 19.1492, 25.1212 by changing the saturation by 10% instead.

■ 21.4249, 19.1492,
25.1212

■ 21.4249, 19.1492,
25.1212

252.2173,
247.2712, 291.9080

■ 13.5492, 11.7781,
15.9475

■ 45.2796, 41.9861,
52.8203

■ 7.8874, 6.5928,
9.3331

■ 61.9893, 58.2206,
72.1829

■ 4.0742, 3.2088,
4.8593

■ 82.3743, 78.1785,
95.7788

■ 1.7442, 1.2417,
2.1077

■ 106.8000,
102.2441, 124.0266

■ 0.4837, 0.0954,
0.6203

135.6318,
130.8018, 157.3449

■ 0.0000, 0.0000,
0.0000

169.2351,

164.2359, 196.1522

207.9751,
202.9309, 240.8671

■ 21.4249, 19.1492,
25.1212

■ 21.4249, 19.1492,
25.1212

■ 19.6869, 16.1273,
23.1412

■ 23.4260, 22.6785,
27.2455

■ 18.1984, 13.5867,
21.2996

■ 25.6997, 26.7349,
29.5171

■ 16.9470, 11.5025,
19.5919

■ 28.2570, 31.3399,
31.9406

■ 15.9187, 9.8470,
18.0127

■ 31.1078, 36.5131,
34.5199

■ 15.0979, 8.5891,
16.5562

■ 34.2616, 42.2734,
37.2587

■ 14.4668, 7.6936,
15.2157

■ 37.7274, 48.6384,
40.1607

■ 14.0047, 7.1189,
13.9836

■ 41.5139, 55.6252,
43.2293

■ 13.7004, 6.7887,
13.0242

■ 45.6292, 63.2504,
46.4677

■ 50.0813, 71.5295,
49.8793

Harmonies

Analogous

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



20.2126, 19.1492, 29.7137



21.4249, 19.1492, 25.1212



21.7511, 19.1492, 19.9663

Triad

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



21.4249, 19.1492, 25.1212



17.8894, 19.1492, 12.6694



15.5982, 19.1492, 26.9212

Complementary

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



21.4249, 19.1492, 25.1212



19.9565, 24.4706, 21.7617

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.



15.0594, 19.1492, 21.7599



21.4249, 19.1492, 25.1212



16.3270, 19.1492, 13.9520

Square

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



21.4249, 19.1492, 25.1212



19.6366, 19.1492, 13.2771



15.3174, 19.1492, 17.0930



16.8366, 19.1492, 30.8638

Rectangle

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



21.4249, 19.1492, 25.1212



21.4054, 19.1492, 16.9992



15.3174, 19.1492, 17.0930



15.3330, 19.1492, 25.2429

Sweetspot

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



21.4255, 19.1500, 25.1216



43.7341, 43.7835, 50.6009



18.6077, 17.6218, 28.4074



9.9830, 9.9581, 11.5575



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



21.4255, 19.1500, 25.1216



36.7947, 31.5458, 43.2286



20.4353, 18.7540, 19.9074



5.5604, 5.4847, 6.4492



12.1230, 6.0062, 11.5650



0.1255, 0.0613, 0.1611

Inverse Universe

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



21.4255, 19.1500, 25.1216



36.7947, 31.5458, 43.2286



20.9693, 24.8757, 27.0950



5.5604, 5.4847, 6.4492



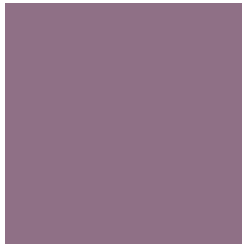
12.1230, 6.0062, 11.5650



0.1255, 0.0613, 0.1611

Previews

White Background



This preview shows how the XYZ color 21.4249, 19.1492, 25.1212 looks on a white background.

Color Contrast Check

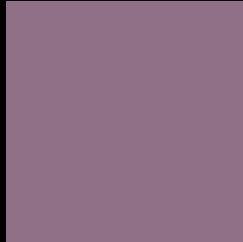
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.4249, 19.1492, 25.1212 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 21.4249, 19.1492, 25.1212

Background



This preview shows how black text looks on a background with the XYZ color 21.4249, 19.1492, 25.1212.



This preview shows how white text looks on a background with the XYZ color 21.4249, 19.1492,

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

21.4249, 19.1492, 25.1212

Protanopia

18.8479, 19.1486, 27.1288

Deuteranopia

19.6142, 19.2395, 24.8701



Tritanopia

20.7478, 19.2155, 21.3543

Trichromacy



Original Color

21.4249, 19.1492, 25.1212

Protanomaly

19.6290, 19.0407, 26.3076

Deuteranomaly

20.1519, 19.1708, 24.8285

Tritanomaly

20.8912, 19.0933, 22.6630

Monochromacy



Original Color

21.4249, 19.1492, 25.1212

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.9728, 19.8167, 23.1944

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4249, 19.1492, 25.1212 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, 112, 134)` looks like.

```
.text, #text, p{  
    color:rgb(143, 112, 134)  
}
```

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, 112, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 112, 134) }
```

Border

The CSS property to change the border of an element to XYZ 21.4249, 19.1492, 25.1212 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, 112, 134) }
```


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

```
.border{ border-color:rgb(143, 112, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 112, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 112, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 112, 134);  
box-shadow:4px 4px 4px 4px rgb(143, 112,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4249, 19.1492, 25.1212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 112, 134) }
```

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

```
.background{ background-color: rgb(143,  
112, 134) }
```

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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