

Converting Colors

XYZ(21.1636, 18.0096, 24.4956)

Have a look what the booklet for
XYZ(21.1636, 18.0096, 24.4956)
contains.

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Color

**XYZ(21.2417, 18.1125,
24.5668)**

Conversions

Conversions Part 1

Format	Color
Hex	926A85
RGB	146, 106, 133
RGB Percent	57%, 42%, 52%
CMY	0.4274, 0.5843, 0.4784
CMYK	0.00, 0.27, 0.09, 0.43
HSL	320°, 16%, 49%
HSV	320°, 27%, 57%
XYZ	21.2417, 18.1125, 24.5668
YIQ	121.0380, 15.1730, 16.8770

Conversions

Conversions Part 2

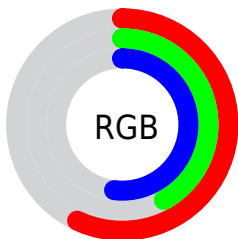
Format	Color
RYB	146, 106, 133
Decimal	9595525
CIELab	49.63, 20.53, -8.60
CIELCh	50, 22.257, 337.276
Yxy	18.1125, 0.3323, 0.2834
Android (android.graphics.Color)	4287785605 (0xFF926A85)
YUV	121.0380, 5.8973, 21.8917
Hunter-Lab	42.5588, 14.6140, -4.4336

Details

The XYZ color **21.2417, 18.1125, 24.5668** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **19.5532, 24.9543, 21.2399**, and the grayscale version is **18.1648, 19.1108, 20.8116**.

A 20% lighter version of the original color is **44.9092, 40.2783, 51.8619**, and **7.7937, 6.0835, 8.9471** is the 20% darker color. If you saturate the color by 10%, you get **19.5429, 15.2276, 22.4195**, and if you desaturate by 10%, it is **23.2125, 21.5173, 26.8783**.

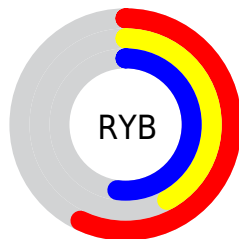
Distribution



Red (57%)

Green (42%)

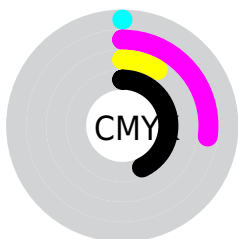
Blue (52%)



Red (57%)

Yellow (42%)

Blue (52%)

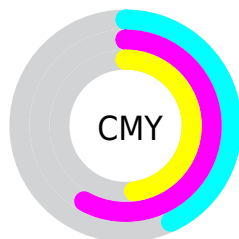


Cyan (0%)

Magenta (27%)

Yellow (9%)

Black (43%)



Cyan (43%)

Magenta (58%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.2417, 18.1125, 24.5668 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 21.2417, 18.1125, 24.5668 by changing the saturation by 10% instead.

■ 21.2417, 18.1125,
24.5668

■ 21.2417, 18.1125,
24.5668

251.2677,
241.5044, 289.0519

■ 13.4143, 11.0308,
15.5385

■ 44.9777, 40.2289,
51.9089

■ 7.7934, 6.0875,
9.0474

■ 61.6170, 56.0324,
71.0599

■ 4.0137, 2.8984,
4.6749

■ 81.9242, 75.5120,
94.4221

■ 1.7099, 1.0789,
2.0024

■ 106.2648, 99.0520,
122.4143

■ 0.4625, 0.0000,
0.5568

135.0041,
127.0368, 155.4547

■ 0.0000, 0.0000,
0.0000

168.5074,

159.8509, 193.9622

207.1402,
197.8786, 238.3550

■ 21.2417, 18.1125,
24.5668

■ 21.2417, 18.1125,
24.5668

■ 19.5429, 15.2276,
22.4195

■ 23.2125, 21.5173,
26.8783

■ 18.1015, 12.8342,
20.4299

■ 25.4660, 25.4637,
29.3578

■ 16.9035, 10.9047,
18.5927

■ 28.0143, 29.9752,
32.0105

■ 15.9333, 9.4080,
16.9015

■ 30.8680, 35.0731,
34.8409

■ 15.1732, 8.3090,
15.3496

■ 34.0376, 40.7778,
37.8533

■ 14.6027, 7.5671,
13.9289

■ 37.5327, 47.1084,
41.0518

■ 14.1852, 7.1095,
12.6263

■ 41.3627, 54.0835,
44.4404

■ 14.0847, 7.0033,
12.3007

■ 45.5367, 61.7206,
48.0229

■ 50.0631, 70.0367,
51.8031

Harmonies

Analogous

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



19.7954, 18.1125, 30.5058



21.2417, 18.1125, 24.5668



21.5686, 18.1125, 18.2841

Triad

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



21.2417, 18.1125, 24.5668



16.7059, 18.1125, 10.2841



14.1804, 18.1125, 27.6421

Complementary

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



21.2417, 18.1125, 24.5668



19.5532, 24.9543, 21.2399

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.



13.4913, 18.1125, 21.2322



21.2417, 18.1125, 24.5668



14.8699, 18.1125, 11.8354

Square

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



21.2417, 18.1125, 24.5668



18.8332, 18.1125, 10.8175



13.7330, 18.1125, 15.5591



15.6930, 18.1125, 32.5197

Rectangle

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



21.2417, 18.1125, 24.5668



21.0852, 18.1125, 14.8549



13.7330, 18.1125, 15.5591



13.8506, 18.1125, 25.5493

Sweetspot

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



21.2422, 18.1133, 24.5672



44.6017, 44.3518, 51.4440



17.9052, 16.2827, 29.3935



9.7945, 9.6421, 11.3066



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.



21.2422, 18.1133, 24.5672



35.5386, 28.6565, 40.9294



20.0082, 17.6197, 18.0686



5.9559, 5.8774, 6.8742



12.4050, 6.1671, 10.8796



0.1654, 0.0809, 0.2046

Inverse Universe

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



21.2422, 18.1133, 24.5672



35.5386, 28.6565, 40.9294



20.8592, 25.4767, 28.1171



5.9559, 5.8774, 6.8742



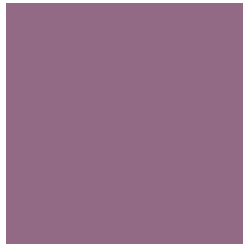
12.4050, 6.1671, 10.8796



0.1654, 0.0809, 0.2046

Previews

White Background



This preview shows how the XYZ color 21.2417, 18.1125, 24.5668 looks on a white background.

Color Contrast Check

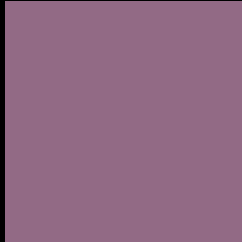
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.2417, 18.1125, 24.5668 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 21.2417, 18.1125, 24.5668

Background



This preview shows how black text looks on a background with the XYZ color 21.2417, 18.1125, 24.5668.



This preview shows how white text looks on a background with the XYZ color 21.2417, 18.1125,

24.5668.

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

21.2417, 18.1125, 24.5668

Protanopia

18.0343, 18.1934, 27.3721

Deuteranopia

18.5396, 18.1852, 24.0057



Tritanopia

20.1811, 18.1509, 19.2694

Trichromacy



Original Color

21.2417, 18.1125, 24.5668

Protanomaly

19.0247, 18.0520, 26.1486

Deuteranomaly

19.4747, 18.1598, 24.3086

Tritanomaly

20.6148, 18.1749, 21.1605

Monochromacy



Original Color

21.2417, 18.1125, 24.5668

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.1530, 18.7173, 22.0054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.2417, 18.1125, 24.5668 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(146, 106, 133)` looks like.

```
.text, #text, p{  
    color:rgb(146, 106, 133)  
}
```

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(146, 106, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 106, 133) }
```

Border

The CSS property to change the border of an element to XYZ 21.2417, 18.1125, 24.5668 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(146, 106, 133) }
```


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

```
.border{ border-color:rgb(146, 106, 133) }
```

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

Here you see how a box with a 4 pixel rgb(146, 106, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 106, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 106, 133);  
box-shadow:4px 4px 4px 4px rgb(146, 106,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 21.2417, 18.1125, 24.5668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 106, 133) }
```

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

```
.background{ background-color: rgb(146,  
106, 133) }
```

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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