

Converting Colors

XYZ(21.0301, 17.0417, 25.1045)

Have a look what the booklet for
XYZ(21.0301, 17.0417, 25.1045)
contains.

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Color

**XYZ(21.1431, 17.1595,
25.1194)**

Conversions

Conversions Part 1

Format	Color
Hex	946487
RGB	148, 100, 135
RGB Percent	58%, 39%, 53%
CMY	0.4196, 0.6078, 0.4706
CMYK	0.00, 0.32, 0.09, 0.42
HSL	316°, 19%, 49%
HSV	316°, 32%, 58%
XYZ	21.1431, 17.1595, 25.1194
YIQ	118.3420, 17.3730, 21.0610

Conversions

Conversions Part 2

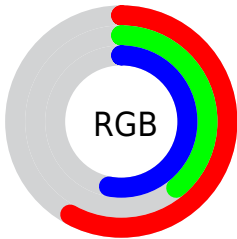
Format	Color
R_{YB}	148, 100, 135
Decimal	9725063
CIE _{Lab}	48.46, 25.11, -11.52
CIE _{LCh}	48, 27.628, 335.347
Yxy	17.1595, 0.3334, 0.2706
Android (android.graphics.Color)	4287915143 (0xFF946487)
YUV	118.3420, 8.2124, 26.0101
Hunter-Lab	41.4240, 18.6155, -6.9565

Details

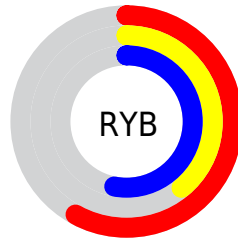
The XYZ color **21.1431, 17.1595, 25.1194** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **18.8268, 25.0819, 19.4729**, and the grayscale version is **17.2988, 18.1996, 19.8194**.

A 20% lighter version of the original color is **44.9339, 38.7838, 52.6947**, and **7.6916, 5.5987, 9.2696** is the 20% darker color. If you saturate the color by 10%, you get **19.5736, 14.4635, 23.2300**, and if you desaturate by 10%, it is **22.9821, 20.3770, 27.1515**.

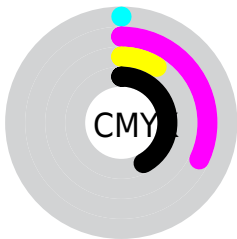
Distribution



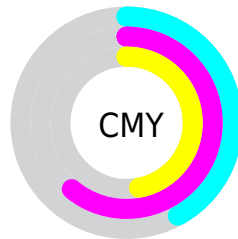
- Red (58%)
- Green (39%)
- Blue (53%)



- Red (58%)
- Yellow (39%)
- Blue (53%)



- Cyan (0%)
- Magenta (32%)
- Yellow (9%)
- Black (42%)



- Cyan (42%)
- Magenta (61%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1431, 17.1595, 25.1194 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 21.1431, 17.1595, 25.1194 by changing the saturation by 10% instead.

■ 21.1431, 17.1595,
25.1194

■ 21.1431, 17.1595,
25.1194

250.7554,
236.0899, 291.8987

■ 13.3417, 10.3483,
15.9462

■ 44.8151, 38.5998,
52.8174

■ 7.7429, 5.6305,
9.3322

■ 61.4163, 53.9977,
72.1792

■ 3.9813, 2.6217,
4.8587

■ 81.6816, 73.0266,
95.7744

■ 1.6916, 0.9376,
2.1073

■ 105.9762, 96.0708,
124.0214

■ 0.4510, 0.0000,
0.6201

134.6655,
123.5149, 157.3388

■ 0.0000, 0.0000,
0.0000

168.1149,

155.7432, 196.1451

206.6898,
193.1400, 240.8589

■ 21.1431, 17.1595,
25.1194

■ 21.1431, 17.1595,
25.1194

■ 19.5736, 14.4635,
23.2300

■ 22.9821, 20.3770,
27.1515

■ 18.2580, 12.2588,
21.4768

■ 25.1022, 24.1397,
29.3301

■ 17.1815, 10.5154,
19.8547

■ 27.5160, 28.4724,
31.6602

■ 16.3268, 9.1994,
18.3572

■ 30.2349, 33.3979,
34.1461

■ 15.6744, 8.2717,
16.9772

■ 33.2698, 38.9376,
36.7919

■ 15.2013, 7.6866,
15.7065

■ 36.6309, 45.1119,
39.6016

■ 14.9151, 7.3769,
14.8012

■ 40.3281, 51.9403,
42.5791

■ 44.3708, 59.4413,
45.7278

■ 48.7679, 67.6328,
49.0515

Harmonies

Analogous

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



19.2893, 17.1595, 32.5094



21.1431, 17.1595, 25.1194



21.6492, 17.1595, 17.4151

Triad

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



21.1431, 17.1595, 25.1194



15.8604, 17.1595, 7.9610



12.6543, 17.1595, 27.9599

Complementary

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



21.1431, 17.1595, 25.1194



18.8268, 25.0819, 19.4729

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.



11.9292, 17.1595, 20.0126



21.1431, 17.1595, 25.1194



13.6537, 17.1595, 9.4672

Square

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



21.1431, 17.1595, 25.1194



18.4244, 17.1595, 8.6656



12.2753, 17.1595, 13.4535



14.3632, 17.1595, 34.4243

Rectangle

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



21.1431, 17.1595, 25.1194



21.1135, 17.1595, 13.3310



12.2753, 17.1595, 13.4535



12.2959, 17.1595, 25.3062

Sweetspot

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



21.1436, 17.1603, 25.1198



45.1955, 44.2096, 52.6446



16.6876, 14.7508, 29.9850



10.1983, 9.8795, 11.9005



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.



21.1436, 17.1603, 25.1198



35.2261, 26.6950, 41.8479



19.6508, 16.5632, 17.2589



5.9690, 5.8827, 6.9427



12.7515, 6.3057, 12.7042



0.1684, 0.0821, 0.2205

Inverse Universe

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



21.1436, 17.1603, 25.1198



35.2261, 26.6950, 41.8479



20.3471, 25.6901, 27.4786



5.9690, 5.8827, 6.9427



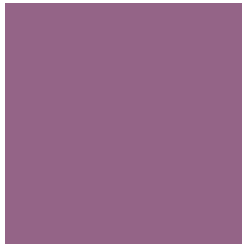
12.7515, 6.3057, 12.7042



0.1684, 0.0821, 0.2205

Previews

White Background



This preview shows how the XYZ color 21.1431, 17.1595, 25.1194 looks on a white background.

Color Contrast Check

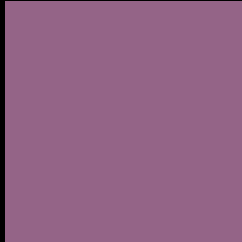
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.1431, 17.1595, 25.1194 looks on a black 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

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

XYZ 21.1431, 17.1595, 25.1194

Background



This preview shows how black text looks on a background with the XYZ color 21.1431, 17.1595, 25.1194.



This preview shows how white text looks on a background with the XYZ color 21.1431, 17.1595,

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

21.1431, 17.1595, 25.1194

Protanopia

17.3125, 17.2671, 29.2085

Deuteranopia

17.6100, 17.3553, 24.6121



Tritanopia

19.5520, 17.0902, 17.5975

Trichromacy



Original Color

21.1431, 17.1595, 25.1194

Protanomaly

18.4447, 17.0713, 27.5223

Deuteranomaly

18.7189, 17.1135, 24.8709

Tritanomaly

20.0945, 17.1676, 20.0239

Monochromacy



Original Color

21.1431, 17.1595, 25.1194

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

18.3758, 17.4912, 21.4764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1431, 17.1595, 25.1194 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(148, 100, 135)` looks like.

```
.text, #text, p{  
    color:rgb(148, 100, 135)  
}
```

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(148, 100, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 100, 135) }
```

Border

The CSS property to change the border of an element to XYZ 21.1431, 17.1595, 25.1194 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(148, 100, 135) }
```


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

```
.border{ border-color:rgb(148, 100, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 100, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 100, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 100, 135);  
box-shadow:4px 4px 4px 4px rgb(148, 100,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1431, 17.1595, 25.1194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 100, 135) }
```

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

```
.background{ background-color: rgb(148,  
100, 135) }
```

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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