

Converting Colors

XYZ(21.0014, 16.6924, 27.1418)

Have a look what the booklet for
XYZ(21.0014, 16.6924, 27.1418)
contains.

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Color

**XYZ(21.0295, 16.7694,
27.3278)**

Conversions

Conversions Part 1

Format	Color
Hex	92628D
RGB	146, 98, 141
RGB Percent	57%, 38%, 55%
CMY	0.4274, 0.6157, 0.4471
CMYK	0.00, 0.33, 0.03, 0.43
HSL	306°, 20%, 48%
HSV	306°, 33%, 57%
XYZ	21.0295, 16.7694, 27.3278
YIQ	117.2540, 14.8050, 23.5490

Conversions

Conversions Part 2

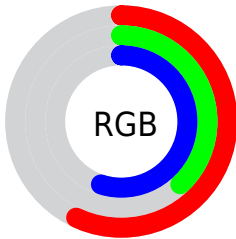
Format	Color
R_{YB}	146, 98, 141
Decimal	9593485
CIE _{Lab}	47.97, 26.69, -15.87
CIE _{LCh}	48, 31.049, 329.267
Yxy	16.7694, 0.3229, 0.2575
Android (android.graphics.Color)	4287783565 (0xFF92628D)
YUV	117.2540, 11.7068, 25.2102
Hunter-Lab	40.9505, 20.0027, -10.9012

Details

The XYZ color **21.0295, 16.7694, 27.3278** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.7648, 24.1343, 16.5550**, and the grayscale version is **16.9493, 17.8320, 19.4190**.

A 20% lighter version of the original color is **44.6852, 37.8525, 56.5809**, and **7.6450, 5.4162, 10.5400** is the 20% darker color. If you saturate the color by 10%, you get **19.6738, 14.2376, 26.3215**, and if you desaturate by 10%, it is **22.6370, 19.8017, 28.4261**.

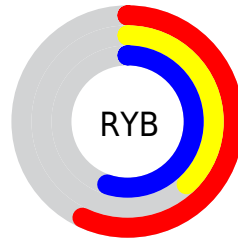
Distribution



Red (57%)

Green (38%)

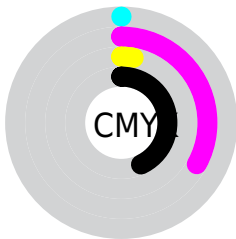
Blue (55%)



Red (57%)

Yellow (38%)

Blue (55%)

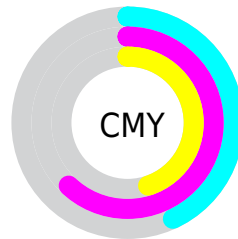


Cyan (0%)

Magenta (33%)

Yellow (3%)

Black (43%)



Cyan (43%)

Magenta (62%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0295, 16.7694, 27.3278 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 21.0295, 16.7694, 27.3278 by changing the saturation by 10% instead.

■ 21.0295, 16.7694,
27.3278

■ 21.0295, 16.7694,
27.3278

250.1640,
233.8400, 303.0510

■ 13.2582, 10.0702,
17.5850

■ 44.6275, 37.9289,
56.4196

■ 7.6848, 5.4455,
10.4861

■ 61.1849, 53.1579,
76.6055

■ 3.9440, 2.5110,
5.6126

■ 81.4017, 71.9991,
101.1096

■ 1.6705, 0.8821,
2.5460

■ 105.6432, 94.8367,
130.3504

■ 0.4377, 0.0000,
0.8644

134.2749,
122.0552, 164.7464

■ 0.0000, 0.0000,
0.0000

167.6620,

154.0390, 204.7161

206.1699,
191.1725, 250.6782

■ 21.0295, 16.7694,
27.3278

■ 21.0295, 16.7694,
27.3278

■ 19.6738, 14.2376,
26.3215

■ 22.6370, 19.8017,
28.4261

■ 18.5547, 12.1769,
25.4015

■ 24.5073, 23.3573,
29.6195

■ 17.6580, 10.5584,
24.5632

■ 26.6525, 27.4604,
30.9123

■ 16.9670, 9.3490,
23.8011

■ 29.0837, 32.1329,
32.3081

■ 16.4630, 8.5109,
23.1089

■ 31.8113, 37.3957,
33.8106

■ 16.1235, 7.9995,
22.4790

■ 34.8451, 43.2683,
35.4229

■ 15.9368, 7.7441,
22.0532

■ 38.1945, 49.7697,
37.1484

■ 41.8686, 56.9177,
38.9898

■ 45.8760, 64.7298,
40.9503

Harmonies

Analogous

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



18.7187, 16.7694, 35.2854



21.0295, 16.7694, 27.3278



21.9518, 16.7694, 18.4571

Triad

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



21.0295, 16.7694, 27.3278



16.0078, 16.7694, 6.7728



11.6880, 16.7694, 26.8830

Complementary

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



21.0295, 16.7694, 27.3278



17.7648, 24.1343, 16.5550

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.



11.1383, 16.7694, 18.0624



21.0295, 16.7694, 27.3278



13.4487, 16.7694, 7.8399

Square

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



21.0295, 16.7694, 27.3278



18.8519, 16.7694, 7.9528



11.7441, 16.7694, 11.4578



13.3424, 16.7694, 34.9802

Rectangle

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



21.0295, 16.7694, 27.3278



21.5812, 16.7694, 13.6287



11.7441, 16.7694, 11.4578



11.3771, 16.7694, 23.8347

Sweetspot

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



21.0300, 16.7701, 27.3282



44.1960, 43.0427, 52.8433



15.1273, 13.6832, 29.0385



9.7308, 9.3824, 11.6937



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.



21.0300, 16.7701, 27.3282



35.3987, 26.4039, 46.9646



19.4450, 16.1362, 18.9818



6.0096, 5.8989, 7.1565



14.0290, 6.8167, 19.4317



0.1777, 0.0858, 0.2696

Inverse Universe

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



21.0300, 16.7701, 27.3282



35.3987, 26.4039, 46.9646



19.1343, 24.6821, 23.7667



6.0096, 5.8989, 7.1565



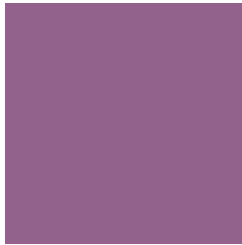
14.0290, 6.8167, 19.4317



0.1777, 0.0858, 0.2696

Previews

White Background



This preview shows how the XYZ color 21.0295, 16.7694, 27.3278 looks on a white background.

Color Contrast Check

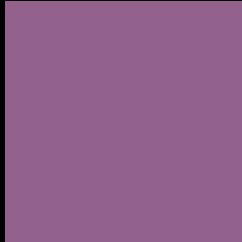
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0295, 16.7694, 27.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

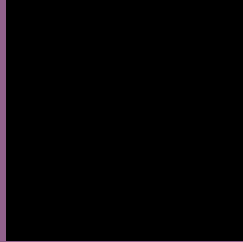
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

XYZ 21.0295, 16.7694, 27.3278

Background



This preview shows how black text looks on a background with the XYZ color 21.0295, 16.7694, 27.3278.



This preview shows how white text looks on a background with the XYZ color 21.0295, 16.7694,

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

21.0295, 16.7694, 27.3278

Protanopia

17.1661, 16.9608, 32.0748

Deuteranopia

17.1917, 16.9340, 26.4073



Tritanopia

19.0303, 16.8213, 17.5731

Trichromacy



Original Color

21.0295, 16.7694, 27.3278

Protanomaly

18.3156, 16.7852, 30.2915

Deuteranomaly

18.3753, 16.7394, 26.6886

Tritanomaly

19.6542, 16.7724, 20.9404

Monochromacy



Original Color

21.0295, 16.7694, 27.3278

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

18.2439, 17.2474, 22.1062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0295, 16.7694, 27.3278 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, 98, 141)` looks like.

```
.text, #text, p{  
    color:rgb(146, 98, 141)  
}
```

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, 98, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 98, 141) }
```

Border

The CSS property to change the border of an element to XYZ 21.0295, 16.7694, 27.3278 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, 98, 141) }
```


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

```
.border{ border-color:rgb(146, 98, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 98, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 98, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 98, 141);  
box-shadow:4px 4px 4px 4px rgb(146, 98,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0295, 16.7694, 27.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 98, 141) }
```

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

```
.background{ background-color: rgb(146, 98,  
141) }
```

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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