

Converting Colors

XYZ(21.8077, 15.1526, 28.2861)

Have a look what the booklet for
XYZ(21.8077, 15.1526, 28.2861)
contains.

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Color

**XYZ(21.7616, 15.1161,
28.1563)**

Conversions

Conversions Part 1

Format	Color
Hex	9C5290
RGB	156, 82, 144
RGB Percent	61%, 32%, 56%
CMY	0.3882, 0.6784, 0.4353
CMYK	0.00, 0.47, 0.08, 0.39
HSL	310°, 31%, 47%
HSV	310°, 47%, 61%
XYZ	21.7616, 15.1161, 28.1563
YIQ	111.1940, 24.2020, 34.9700

Conversions

Conversions Part 2

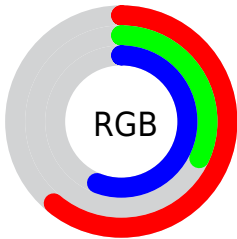
Format	Color
RYB	156, 82, 144
Decimal	10244752
CIELab	45.79, 39.53, -20.88
CIELCh	46, 44.709, 332.159
Yxy	15.1161, 0.3346, 0.2324
Android (android.graphics.Color)	4288434832 (0xFF9C5290)
YUV	111.1940, 16.1734, 39.2949
Hunter-Lab	38.8794, 31.8710, -15.7219

Details

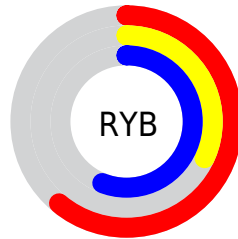
The XYZ color **21.7616, 15.1161, 28.1563** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **17.3891, 26.3794, 14.7659**, and the grayscale version is **15.1158, 15.9030, 17.3183**.

A 20% lighter version of the original color is **45.8695, 35.1245, 57.7882**, and **8.0858, 4.7069, 10.8383** is the 20% darker color. If you saturate the color by 10%, you get **20.5251, 12.9489, 26.8009**, and if you desaturate by 10%, it is **23.2708, 17.8213, 29.6243**.

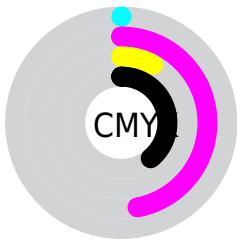
Distribution



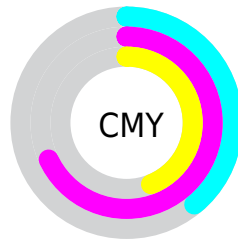
- Red (61%)
- Green (32%)
- Blue (56%)



- Red (61%)
- Yellow (32%)
- Blue (56%)



- Cyan (0%)
- Magenta (47%)
- Yellow (8%)
- Black (39%)



- Cyan (39%)
- Magenta (68%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7616, 15.1161, 28.1563 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 21.7616, 15.1161, 28.1563 by changing the saturation by 10% instead.

21.7616, 15.1161,
28.1563

21.7616, 15.1161,
28.1563

253.9546,
224.0679, 307.1484

13.7975, 8.9009,
18.2034

45.8334, 35.0567,
57.7600

8.0607, 4.6766,
10.9252

62.6719, 49.5509,
78.2479

4.1859, 2.0588,
5.9030

83.1991, 67.5736,
103.0846

1.8079, 0.6413,
2.7184

107.7804, 89.5092,
132.6886

0.5224, 0.0000,
0.9527

136.7813,
115.7420, 167.4784

0.0000, 0.0000,
0.0000

170.5671,

146.6564, 207.8726

209.5030,
182.6369, 254.2898

■ 21.7616, 15.1161,
28.1563

■ 21.7616, 15.1161,
28.1563

■ 20.5251, 12.9489,
26.8009

■ 23.2708, 17.8213,
29.6243

■ 19.5416, 11.2809,
25.5509

■ 25.0680, 21.0957,
31.2096

■ 18.7907, 10.0714,
24.3995

■ 27.1689, 24.9705,
32.9179

■ 18.2484, 9.2723,
23.3387

■ 29.5877, 29.4743,
34.7539

■ 17.8745, 8.8031,
22.3548

■ 32.3379, 34.6334,
36.7223

■ 17.7870, 8.6986,
22.1085

■ 35.4319, 40.4731,
38.8274

■ 38.8816, 47.0171,
41.0732

■ 42.6984, 54.2879,
43.4636

■ 46.8930, 62.3072,
46.0025

Harmonies

Analogous

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



18.5728, 15.1161, 40.9705



21.7616, 15.1161, 28.1563



22.8779, 15.1161, 15.6905

Triad

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



21.7616, 15.1161, 28.1563



14.0965, 15.1161, 3.2221



9.0715, 15.1161, 30.1349

Complementary

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



21.7616, 15.1161, 28.1563



17.3891, 26.3794, 14.7659

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.



8.2824, 15.1161, 17.2519



21.7616, 15.1161, 28.1563



10.8502, 15.1161, 4.4111

Square

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



21.7616, 15.1161, 28.1563



18.0181, 15.1161, 4.0945



8.8724, 15.1161, 8.5545



11.2464, 15.1161, 42.4211

Rectangle

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



21.7616, 15.1161, 28.1563



22.1638, 15.1161, 9.8152



8.8724, 15.1161, 8.5545



8.6544, 15.1161, 25.5766

Sweetspot

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



21.7621, 15.1168, 28.1566



50.6692, 47.8095, 60.8150



13.5431, 10.7681, 32.8174



10.9624, 10.1728, 13.2373



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



21.7621, 15.1168, 28.1566



37.1407, 23.2798, 48.5139



19.4296, 14.1838, 15.8739



6.8579, 6.7361, 8.1029



14.6616, 7.1692, 18.2666



0.2734, 0.1327, 0.3859

Inverse Universe

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



21.7621, 15.1168, 28.1566



37.1407, 23.2798, 48.5139



19.4047, 27.1856, 25.3795



6.8579, 6.7361, 8.1029



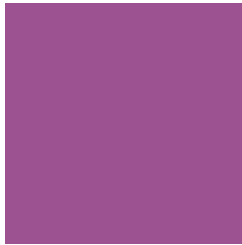
14.6616, 7.1692, 18.2666



0.2734, 0.1327, 0.3859

Previews

White Background



This preview shows how the XYZ color 21.7616, 15.1161, 28.1563 looks on a white background.

Color Contrast Check

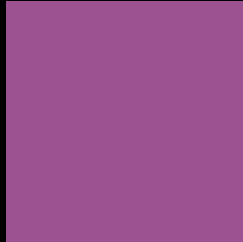
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.7616, 15.1161, 28.1563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

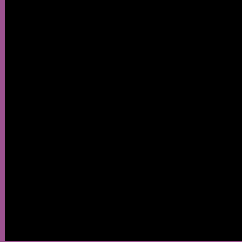
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 21.7616, 15.1161, 28.1563

Background



This preview shows how black text looks on a background with the XYZ color 21.7616, 15.1161, 28.1563.



This preview shows how white text looks on a background with the XYZ color 21.7616, 15.1161,

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

21.7616, 15.1161, 28.1563

Protanopia

16.0784, 15.3196, 37.2315

Deuteranopia

15.5848, 15.2924, 26.9413



Tritanopia

18.8418, 15.1345, 13.7326

Trichromacy



Original Color

21.7616, 15.1161, 28.1563

Protanomaly

17.2635, 14.6804, 33.8220

Deuteranomaly

17.2014, 14.7960, 27.1486

Tritanomaly

19.7211, 14.9896, 18.0735

Monochromacy



Original Color

21.7616, 15.1161, 28.1563

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.8847, 15.0564, 20.7552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7616, 15.1161, 28.1563 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(156, 82, 144)` looks like.

```
.text, #text, p{  
    color:rgb(156, 82, 144)  
}
```

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(156, 82, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 82, 144) }
```

Border

The CSS property to change the border of an element to XYZ 21.7616, 15.1161, 28.1563 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(156, 82, 144) }
```


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

```
.border{ border-color:rgb(156, 82, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 82, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 82, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 82, 144);  
box-shadow:4px 4px 4px 4px rgb(156, 82,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7616, 15.1161, 28.1563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 82, 144) }
```

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

```
.background{ background-color: rgb(156, 82,  
144) }
```

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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