

Converting Colors

XYZ(20.7120, 14.7139, 16.7874)

Have a look what the booklet for
XYZ(20.7120, 14.7139, 16.7874)
contains.

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Color

**XYZ(20.7120, 14.7139,
16.7874)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A2516F |
| RGB | 162, 81, 111 |
| RGB Percent | 64%, 32%, 44% |
| CMY | 0.3647, 0.6823, 0.5647 |
| CMYK | 0.00, 0.50, 0.31, 0.36 |
| HSL | 338°, 33%, 48% |
| HSV | 338°, 50%, 64% |
| XYZ | 20.7120, 14.7139, 16.7874 |
| YIQ | 108.6390, 38.6460, 26.5020 |

Conversions

Conversions Part 2

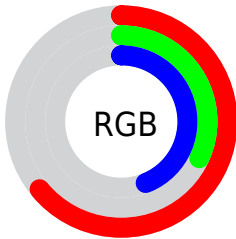
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 162, 81, 111 |
| Decimal | 10637679 |
| CIE Lab | 45.24, 36.92, -1.66 |
| CIE LCh | 45, 36.956, 357.429 |
| Yxy | 14.7139, 0.3967, 0.2818 |
| Android (android.graphics.Color) | 4288827759 (0xFFA2516F) |
| YUV | 108.6390, 1.1640, 46.7976 |
| Hunter-Lab | 38.3587, 29.2544, 0.9033 |

Details

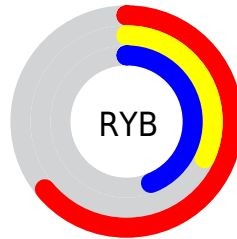
The XYZ color **20.7120, 14.7139, 16.7874** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **20.4792, 29.2564, 26.3989**, and the grayscale version is **14.4232, 15.1744, 16.5249**.

A 20% lighter version of the original color is **44.2118, 34.4795, 38.9753**, and **7.5715, 4.5270, 5.1774** is the 20% darker color. If you saturate the color by 10%, you get **19.1186, 12.3753, 13.6417**, and if you desaturate by 10%, it is **22.6575, 17.6540, 20.3673**.

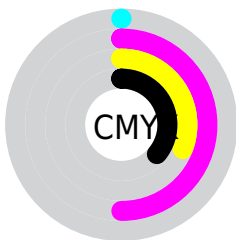
Distribution



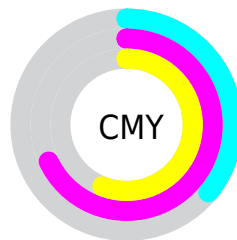
- Red (64%)
- Green (32%)
- Blue (44%)



- Red (64%)
- Yellow (32%)
- Blue (44%)



- Cyan (0%)
- Magenta (50%)
- Yellow (31%)
- Black (36%)





- Cyan (36%)
- Magenta (68%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.7120, 14.7139, 16.7874 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 20.7120, 14.7139, 16.7874 by changing the saturation by 10% instead.


 20.7120, 14.7139,
16.7874


 20.7120, 14.7139,
16.7874


248.5047,
221.6279, 245.9466


 13.0249, 8.6188,
9.9227


 44.1026, 34.3505,
38.7455


 7.5228, 4.4934,
5.2428


 60.5369, 48.6608,
54.6760


 3.8404, 1.9532,
2.3292

 80.6175, 66.4783,
74.4654

 1.6122, 0.5801,
0.7475

 104.7100, 88.1875,
98.5324

 0.4004, 0.0000,
0.0000

 133.1796,
114.1726, 127.2955

 0.0000, 0.0000,
0.0000

166.3917,

144.8181, 161.1732

204.7116,
180.5084, 200.5840

■ 20.7120, 14.7139,
16.7874

■ 20.7120, 14.7139,
16.7874

■ 19.1186, 12.3753,
13.6417

■ 22.6575, 17.6540,
20.3673

■ 17.8533, 10.5935,
10.9110

■ 24.9747, 21.2317,
24.3975

■ 16.8906, 9.3215,
8.5760


■ 27.6831, 25.4827,
28.8944


■ 16.2005, 8.5028,
6.6147


■ 30.8005, 30.4395,
33.8731


■ 15.7160, 8.0077,
4.9921


■ 34.3434, 36.1324,
39.3480

 15.7159, 8.0076,
4.9917

 38.3275, 42.5901,
45.3329

 42.7676, 49.8395,
51.8410

 47.6781, 57.9064,
58.8851

 53.0723, 66.8153,
66.4775

Harmonies

Analogous

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



19.5421, 14.7139, 26.8906



20.7120, 14.7139, 16.7874



19.8733, 14.7139, 9.4540

Triad

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



20.7120, 14.7139, 16.7874



11.4501, 14.7139, 5.2480



11.0553, 14.7139, 34.7901

Complementary

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



20.7120, 14.7139, 16.7874



20.4792, 29.2564, 26.3989

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.



9.3926, 14.7139, 25.0867



20.7120, 14.7139, 16.7874



9.5961, 14.7139, 8.5640

Square

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



20.7120, 14.7139, 16.7874



14.2502, 14.7139, 4.4068



8.8996, 14.7139, 15.2782



13.7233, 14.7139, 39.3871

Rectangle

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



20.7120, 14.7139, 16.7874



18.3470, 14.7139, 6.5512



8.8996, 14.7139, 15.2782



10.3759, 14.7139, 31.8771

Sweetspot

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



20.7124, 14.7146, 16.7877



52.8290, 50.3390, 56.6039



18.8170, 13.3156, 35.7610



11.6144, 10.9078, 12.3106



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



20.7124, 14.7146, 16.7877



34.4160, 22.0461, 24.1601



20.0803, 15.6647, 9.7507



7.1772, 7.1273, 7.9194



12.4007, 6.3163, 4.0347



0.2829, 0.1416, 0.2023

Inverse Universe

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



20.7124, 14.7146, 16.7877



34.4160, 22.0461, 24.1601



21.2332, 26.9939, 38.2739



7.1772, 7.1273, 7.9194



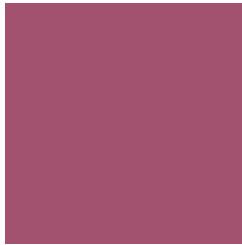
12.4007, 6.3163, 4.0347



0.2829, 0.1416, 0.2023

Previews

White Background



This preview shows how the XYZ color 20.7120, 14.7139, 16.7874 looks on a white background.

Color Contrast Check

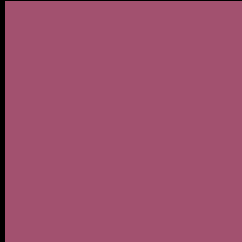
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.7120, 14.7139, 16.7874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

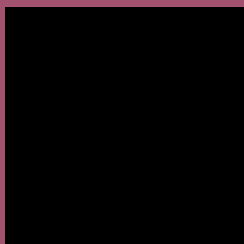
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.7120, 14.7139, 16.7874

Background



This preview shows how black text looks on a background with the XYZ color 20.7120, 14.7139, 16.7874.



This preview shows how white text looks on a background with the XYZ color 20.7120, 14.7139,

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

20.7120, 14.7139, 16.7874

Protanopia

14.7974, 14.9908, 22.1923

Deuteranopia

15.0754, 14.8137, 15.9747



Tritanopia

19.6340, 14.7259, 11.7051

Trichromacy



Original Color

20.7120, 14.7139, 16.7874

Protanomaly

16.2763, 14.4758, 20.0254

Deuteranomaly

16.7212, 14.5168, 16.1081

Tritanomaly

20.0729, 14.7996, 13.3539

Monochromacy



Original Color

20.7120, 14.7139, 16.7874

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

16.1784, 14.6387, 16.7247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7120, 14.7139, 16.7874 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(162, 81, 111)` looks like.

```
.text, #text, p{  
    color:rgb(162, 81, 111)  
}
```

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(162, 81, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 81, 111) }
```

Border

The CSS property to change the border of an element to XYZ 20.7120, 14.7139, 16.7874 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(162, 81, 111) }
```


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

```
.border{ border-color:rgb(162, 81, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 81, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 81, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 81, 111);  
box-shadow:4px 4px 4px 4px rgb(162, 81,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7120, 14.7139, 16.7874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 81, 111) }
```

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

```
.background{ background-color: rgb(162, 81,  
111) }
```

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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