

Converting Colors

XYZ(20.5398, 14.7552, 16.3841)

Have a look what the booklet for
XYZ(20.5398, 14.7552, 16.3841)
contains.

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Color

**XYZ(20.5297, 14.7374,
16.5144)**

Conversions

Conversions Part 1

Format	Color
Hex	A1526E
RGB	161, 82, 110
RGB Percent	63%, 32%, 43%
CMY	0.3686, 0.6784, 0.5686
CMYK	0.00, 0.49, 0.32, 0.37
HSL	339°, 33%, 48%
HSV	339°, 49%, 63%
XYZ	20.5297, 14.7374, 16.5144
YIQ	108.8130, 38.0960, 25.4560

Conversions

Conversions Part 2

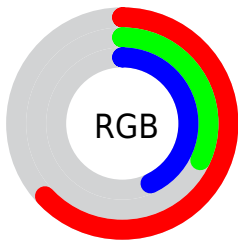
Format	Color
R_{YB}	161, 82, 110
Decimal	10572398
CIE Lab	45.27, 35.89, -1.02
CIE LCh	45, 35.907, 358.377
Yxy	14.7374, 0.3965, 0.2846
Android (android.graphics.Color)	4288762478 (0xFFA1526E)
YUV	108.8130, 0.5852, 45.7680
Hunter-Lab	38.3893, 28.2763, 1.3670

Details

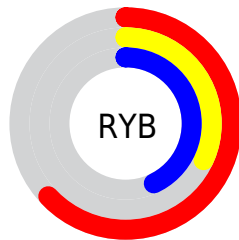
The XYZ color **20.5297, 14.7374, 16.5144** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **20.4589, 28.9774, 26.7067**, and the grayscale version is **14.4741, 15.2279, 16.5831**.

A 20% lighter version of the original color is **43.8716, 34.5288, 38.0707**, and **7.4771, 4.5177, 5.1805** is the 20% darker color. If you saturate the color by 10%, you get **18.9219, 12.3748, 13.3482**, and if you desaturate by 10%, it is **22.4896, 17.6977, 20.1258**.

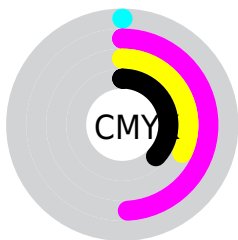
Distribution



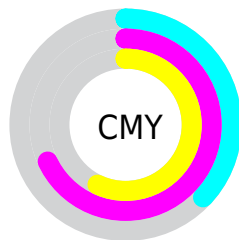
- Red (63%)
- Green (32%)
- Blue (43%)



- Red (63%)
- Yellow (32%)
- Blue (43%)



- Cyan (0%)
- Magenta (49%)
- Yellow (32%)
- Black (37%)



- Cyan (37%)
- Magenta (68%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.5297, 14.7374, 16.5144 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 20.5297, 14.7374, 16.5144 by changing the saturation by 10% instead.

20.5297, 14.7374,
16.5144

20.5297, 14.7374,
16.5144

247.5477,
221.7712, 244.3067

12.8912, 8.6353,
9.7306

43.8007, 34.3918,
38.2681

7.4301, 4.5041,
5.1174

60.1639, 48.7130,
54.0751

3.7812, 1.9593,
2.2564

80.1660, 66.5425,
73.7268

1.5791, 0.5837,
0.7066

104.1723, 88.2650,
97.6420

0.3787, 0.0000,
0.0000

132.5483,
114.2647, 126.2390

0.0000, 0.0000,
0.0000

165.6593,

144.9260, 159.9364

203.8707,
180.6334, 199.1528

■ 20.5297, 14.7374,
16.5144

■ 20.5297, 14.7374,
16.5144

■ 18.9219, 12.3748,
13.3482

■ 22.4896, 17.6977,
20.1258

■ 17.6423, 10.5664,
10.6076

■ 24.8208, 21.2909,
24.1991

■ 16.6663, 9.2662,
8.2726


■ 27.5425, 25.5520,
28.7511


■ 15.9643, 8.4195,
6.3206


■ 30.6723, 30.5129,
33.7975

■ 15.4788, 7.9155,
4.7190


■ 34.2264, 36.2035,
39.3531

 15.4380, 7.8731,
4.5845

 38.2205, 42.6516,
45.4322

 42.6692, 49.8839,
52.0484

 47.5865, 57.9257,
59.2148

 52.9859, 66.8010,
66.9442

Harmonies

Analogous

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



19.4573, 14.7374, 26.2455



20.5297, 14.7374, 16.5144



19.6595, 14.7374, 9.4586

Triad

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



20.5297, 14.7374, 16.5144



11.4638, 14.7374, 5.5264



11.2203, 14.7374, 34.4008

Complementary

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



20.5297, 14.7374, 16.5144



20.4589, 28.9774, 26.7067

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.



9.5580, 14.7374, 25.1470



20.5297, 14.7374, 16.5144



9.6840, 14.7374, 8.9054

Square

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



20.5297, 14.7374, 16.5144



14.1699, 14.7374, 4.6184



9.0375, 14.7374, 15.5876



13.8463, 14.7374, 38.5886

Rectangle

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



20.5297, 14.7374, 16.5144



18.1554, 14.7374, 6.6597



9.0375, 14.7374, 15.5876



10.5450, 14.7374, 31.6488

Sweetspot

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



20.5301, 14.7381, 16.5147



51.3596, 48.9730, 54.8050



18.9719, 13.5168, 35.3274



11.0287, 10.3685, 11.6373



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



20.5301, 14.7381, 16.5147



33.6218, 21.7797, 23.3589



20.0950, 15.9340, 10.0000



7.1726, 7.1255, 7.8955



12.3477, 6.2951, 3.7558



0.2813, 0.1410, 0.1941

Inverse Universe

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



20.5301, 14.7381, 16.5147



33.6218, 21.7797, 23.3589



20.8942, 26.3294, 37.6992



7.1726, 7.1255, 7.8955



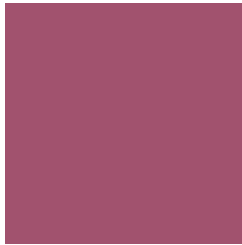
12.3477, 6.2951, 3.7558



0.2813, 0.1410, 0.1941

Previews

White Background



This preview shows how the XYZ color 20.5297, 14.7374, 16.5144 looks on a white background.

Color Contrast Check

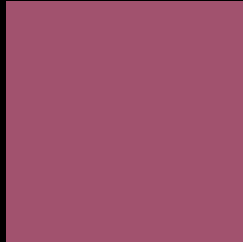
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.5297, 14.7374, 16.5144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

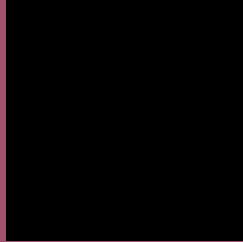
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.5297, 14.7374, 16.5144

Background



This preview shows how black text looks on a background with the XYZ color 20.5297, 14.7374, 16.5144.



This preview shows how white text looks on a background with the XYZ color 20.5297, 14.7374,

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

20.5297, 14.7374, 16.5144

Protanopia

14.6683, 14.9391, 21.5125

Deuteranopia

15.1596, 14.8632, 15.7056



Tritanopia

19.4783, 14.6406, 11.9245

Trichromacy



Original Color

20.5297, 14.7374, 16.5144

Protanomaly

16.2153, 14.4514, 19.7041

Deuteranomaly

16.6682, 14.4956, 15.8293

Tritanomaly

19.9197, 14.7151, 13.5948

Monochromacy



Original Color

20.5297, 14.7374, 16.5144

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

16.1242, 14.6170, 16.4395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.5297, 14.7374, 16.5144 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(161, 82, 110)` looks like.

```
.text, #text, p{  
    color:rgb(161, 82, 110)  
}
```

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(161, 82, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 82, 110) }
```

Border

The CSS property to change the border of an element to XYZ 20.5297, 14.7374, 16.5144 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(161, 82, 110) }
```


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

```
.border{ border-color:rgb(161, 82, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 82, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 82, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 82, 110);  
box-shadow:4px 4px 4px 4px rgb(161, 82,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 20.5297, 14.7374, 16.5144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 82, 110) }
```

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

```
.background{ background-color: rgb(161, 82,  
110) }
```

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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