

Converting Colors

XYZ(16.4044, 10.3520, 17.0531)

Have a look what the booklet for
XYZ(16.4044, 10.3520, 17.0531)
contains.

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Color

**XYZ(16.4044, 10.3520,
17.0531)**

Conversions

Conversions Part 1

Format	Color
Hex	923A72
RGB	146, 58, 114
RGB Percent	57%, 23%, 45%
CMY	0.4274, 0.7725, 0.5529
CMYK	0.00, 0.60, 0.22, 0.43
HSL	322°, 43%, 40%
HSV	322°, 60%, 57%
XYZ	16.4044, 10.3520, 17.0531
YIQ	90.6960, 34.4720, 36.0720

Conversions

Conversions Part 2

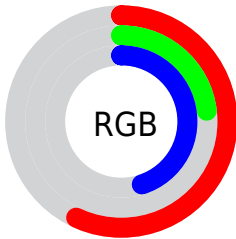
Format	Color
R_{YB}	146, 58, 114
Decimal	9583218
CIE _{Lab}	38.47, 43.61, -13.90
CIE _{LCh}	38, 45.774, 342.325
Yxy	10.3520, 0.3744, 0.2363
Android (android.graphics.Color)	4287773298 (0xFF923A72)
YUV	90.6960, 11.4889, 48.5016
Hunter-Lab	32.1745, 34.7040, -8.9026

Details

The XYZ color **16.4044, 10.3520, 17.0531** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **13.8698, 22.1959, 13.2271**, and the grayscale version is **9.8447, 10.3574, 11.2792**.

A 20% lighter version of the original color is **36.8160, 26.4616, 39.2436**, and **5.3970, 2.6687, 5.3849** is the 20% darker color. If you saturate the color by 10%, you get **15.4765, 8.9658, 15.2958**, and if you desaturate by 10%, it is **17.5592, 12.1637, 18.9728**.

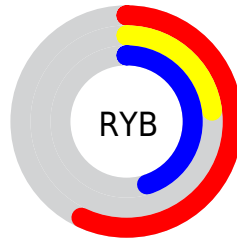
Distribution



Red (57%)

Green (23%)

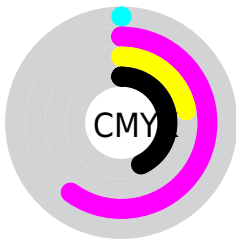
Blue (45%)



Red (57%)

Yellow (23%)

Blue (45%)

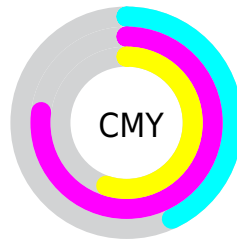


Cyan (0%)

Magenta (60%)

Yellow (22%)

Black (43%)



Cyan (43%)


Magenta (77%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 16.4044, 10.3520, 17.0531 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 16.4044, 10.3520, 17.0531 by changing the saturation by 10% instead.


 16.4044, 10.3520,
17.0531

 16.4044, 10.3520,
17.0531


224.9401,
193.1662, 247.5325


 9.9034, 5.6330,
10.1100


 36.8507, 26.4555,
39.2090


 5.3967, 2.6232,
5.3654

 51.5266, 38.6088,
55.2588

 2.5190, 0.9383,
2.4007

 69.6584, 54.0089,
75.1813

 0.9049, 0.0000,
0.7868

 91.6111, 73.0403,
99.3950

 0.0000, 0.0000,
0.0000

 117.7503, 96.0873,
128.3184

 148.4413,

123.5344, 162.3701

184.0495,
155.7659, 201.9686

■ 16.4044, 10.3520,
17.0531

■ 16.4044, 10.3520,
17.0531

■ 15.4765, 8.9658,
15.2958

■ 17.5592, 12.1637,
18.9728

■ 14.7561, 7.9672,
13.6927

■ 18.9563, 14.4316,
21.0612

■ 14.2220, 7.3138,
12.2353

■ 20.6108, 17.1852,
23.3247

■ 13.8258, 6.8997,
10.9374

■ 22.5362, 20.4513,
25.7693

■ 24.7452, 24.2545,
28.4004

■ 27.2494, 28.6180,
31.2233

■ 30.0599, 33.5635,
34.2430

■ 33.1873, 39.1115,
37.4641

■ 36.6414, 45.2817,
40.8912

Harmonies

Analogous

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



14.2453, 10.3520, 28.3766



16.4044, 10.3520, 17.0531



16.6007, 10.3520, 8.1068

Triad

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



16.4044, 10.3520, 17.0531



8.6612, 10.3520, 1.6199



6.1682, 10.3520, 26.4104

Complementary

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



16.4044, 10.3520, 17.0531



13.8698, 22.1959, 13.2271

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.



5.2197, 10.3520, 15.1684



16.4044, 10.3520, 17.0531



6.4506, 10.3520, 2.9496

Square

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



16.4044, 10.3520, 17.0531



11.6921, 10.3520, 1.7317



5.3114, 10.3520, 6.9713



8.1933, 10.3520, 35.3980

Rectangle

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



16.4044, 10.3520, 17.0531



15.5478, 10.3520, 4.5558



5.3114, 10.3520, 6.9713



5.7333, 10.3520, 22.5815

Sweetspot

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



16.4047, 10.3525, 17.0533



40.4600, 37.2831, 46.3190



10.8026, 7.2160, 28.0178



8.7860, 7.9265, 10.0413



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.



16.4047, 10.3525, 17.0533



26.8592, 15.1844, 26.0535



14.5113, 9.5952, 7.0828



5.9467, 5.8737, 6.8255



12.1776, 6.0761, 9.6822



0.1632, 0.0800, 0.1932

Inverse Universe

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



16.4047, 10.3525, 17.0533



26.8592, 15.1844, 26.0535



16.2441, 23.1456, 25.7297



5.9467, 5.8737, 6.8255



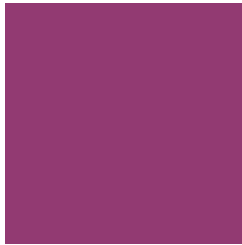
12.1776, 6.0761, 9.6822



0.1632, 0.0800, 0.1932

Previews

White Background



This preview shows how the XYZ color 16.4044, 10.3520, 17.0531 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

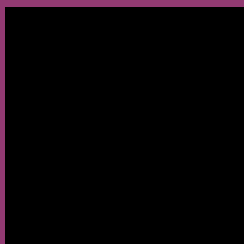
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 16.4044, 10.3520, 17.0531

Background



This preview shows how black text looks on a background with the XYZ color 16.4044, 10.3520, 17.0531.



This preview shows how white text looks on a background with the XYZ color 16.4044, 10.3520,

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

16.4044, 10.3520, 17.0531

Protanopia

11.1453, 10.6432, 25.5117

Deuteranopia

10.6471, 10.4730, 15.9283



Tritanopia

14.4250, 10.3661, 7.5439

Trichromacy



Original Color

16.4044, 10.3520, 17.0531

Protanomaly

12.0537, 9.8005, 22.0253

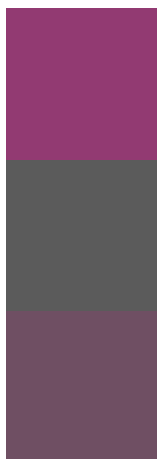
Deuteranomaly

12.1492, 9.9760, 16.3242

Tritanomaly

14.9225, 10.2110, 10.4169

Monochromacy



Original Color

16.4044, 10.3520, 17.0531

Achromatopsia

9.9438, 10.4616, 11.3927

Achromatomaly

11.6037, 9.8723, 13.0983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4044, 10.3520, 17.0531 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, 58, 114)` looks like.

```
.text, #text, p{  
    color:rgb(146, 58, 114)  
}
```

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, 58, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 58, 114) }
```

Border

The CSS property to change the border of an element to XYZ 16.4044, 10.3520, 17.0531 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, 58, 114) }
```


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

```
.border{ border-color:rgb(146, 58, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 58, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 58, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 58, 114);  
box-shadow:4px 4px 4px 4px rgb(146, 58,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4044, 10.3520, 17.0531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 58, 114) }
```

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

```
.background{ background-color: rgb(146, 58,  
114) }
```

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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