

Converting Colors

XYZ(17.2882, 12.3007, 17.0656)

Have a look what the booklet for
XYZ(17.2882, 12.3007, 17.0656)
contains.

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Color

**XYZ(17.3508, 12.3354,
17.0893)**

Conversions

Conversions Part 1

Format	Color
Hex	924B71
RGB	146, 75, 113
RGB Percent	57%, 29%, 44%
CMY	0.4274, 0.7059, 0.5569
CMYK	0.00, 0.49, 0.23, 0.43
HSL	328°, 32%, 43%
HSV	328°, 49%, 57%
XYZ	17.3508, 12.3354, 17.0893
YIQ	100.5610, 30.1180, 26.8700

Conversions

Conversions Part 2

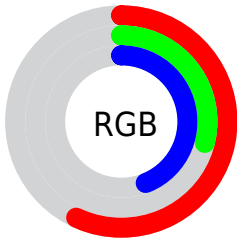
Format	Color
R_{YB}	146, 75, 113
Decimal	9587569
CIE _{Lab}	41.74, 34.74, -8.32
CIE _{LCh}	42, 35.723, 346.526
Yxy	12.3354, 0.3709, 0.2637
Android (android.graphics.Color)	4287777649 (0xFF924B71)
YUV	100.5610, 6.1324, 39.8500
Hunter-Lab	35.1218, 26.7191, -4.2636

Details

The XYZ color **17.3508, 12.3354, 17.0893** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **15.8879, 23.1367, 17.8169**, and the grayscale version is **12.2363, 12.8736, 14.0193**.

A 20% lighter version of the original color is **38.6095, 30.1949, 39.3906**, and **5.8377, 3.4476, 5.3588** is the 20% darker color. If you saturate the color by 10%, you get **16.1039, 10.4303, 14.8587**, and if you desaturate by 10%, it is **18.8542, 14.7076, 19.5467**.

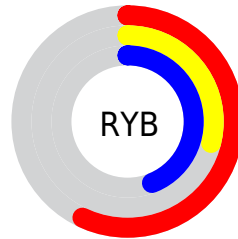
Distribution



Red (57%)

Green (29%)

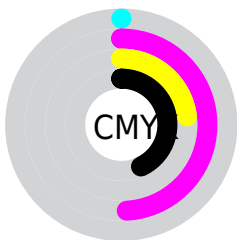
Blue (44%)



Red (57%)

Yellow (29%)

Blue (44%)

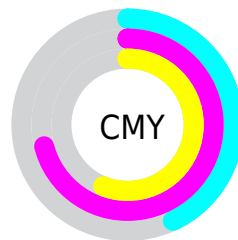


Cyan (0%)

Magenta (49%)

Yellow (23%)

Black (43%)



Cyan (43%)

Magenta (71%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3508, 12.3354, 17.0893 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 17.3508, 12.3354, 17.0893 by changing the saturation by 10% instead.

■ 17.3508, 12.3354,
17.0893

■ 17.3508, 12.3354,
17.0893

230.3029,
206.6133, 247.7478

■ 10.5818, 6.9725,
10.1355

■ 38.4668, 30.1045,
39.2720

■ 5.8516, 3.4449,
5.3821

■ 53.5444, 43.2795,
55.3380

■ 2.7948, 1.3682,
2.4105

■ 72.1223, 59.8274,
75.2786

■ 1.0462, 0.1931,
0.7922

■ 94.5658, 80.1325,
99.5122

■ 0.0000, 0.0000,
0.0000

■ 121.2403,
104.5793, 128.4573

152.5110,

133.5520, 162.5326

188.7435,
167.4352, 202.1566

■ 17.3508, 12.3354,
17.0893

■ 17.3508, 12.3354,
17.0893

■ 16.1039, 10.4303,
14.8587

■ 18.8542, 14.7076,
19.5467

■ 15.0962, 8.9588,
12.8455

■ 20.6280, 17.5740,
22.2380

■ 14.3094, 7.8857,
11.0408

■ 22.6862, 20.9615,
25.1710

■ 13.7224, 7.1693,
9.4342

■ 25.0415, 24.8947,
28.3526

■ 13.2897, 6.7201,
8.0070

■ 27.7058, 29.3966,
31.7896

■ 13.2343, 6.6631,
7.8223

■ 30.6905, 34.4888,
35.4883

■ 34.0061, 40.1918,
39.4550

■ 37.6628, 46.5252,
43.6954

■ 41.6704, 53.5076,
48.2154

Harmonies

Analogous

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



15.7827, 12.3354, 26.0362



17.3508, 12.3354, 17.0893



17.2606, 12.3354, 9.7241

Triad

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



17.3508, 12.3354, 17.0893



10.3463, 12.3354, 3.7918



8.5828, 12.3354, 26.8920

Complementary

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



17.3508, 12.3354, 17.0893



15.8879, 23.1367, 17.8169

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.



7.5201, 12.3354, 17.9777



17.3508, 12.3354, 17.0893



8.4293, 12.3354, 5.7375

Square

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



17.3508, 12.3354, 17.0893



12.9404, 12.3354, 3.7067



7.4685, 12.3354, 10.3363



10.5871, 12.3354, 32.9676

Rectangle

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



17.3508, 12.3354, 17.0893



16.2670, 12.3354, 6.5329



7.4685, 12.3354, 10.3363



8.1176, 12.3354, 24.0048

Sweetspot

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



17.3512, 12.3360, 17.0895



41.3427, 39.1758, 46.2206



13.7624, 10.2309, 28.4437



9.0299, 8.4368, 10.0533



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.



17.3512, 12.3360, 17.0895



28.3013, 18.2392, 26.0085



15.7656, 11.7018, 8.7400



5.9227, 5.8642, 6.6993



11.6575, 5.8680, 6.9432



0.1576, 0.0778, 0.1635

Inverse Universe

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



17.3512, 12.3360, 17.0895



28.3013, 18.2392, 26.0085



18.0973, 24.0205, 29.4515



5.9227, 5.8642, 6.6993



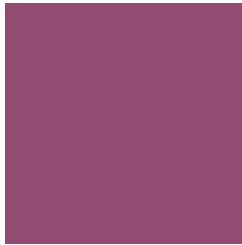
11.6575, 5.8680, 6.9432



0.1576, 0.0778, 0.1635

Previews

White Background



This preview shows how the XYZ color 17.3508, 12.3354, 17.0893 looks on a white background.

Color Contrast Check

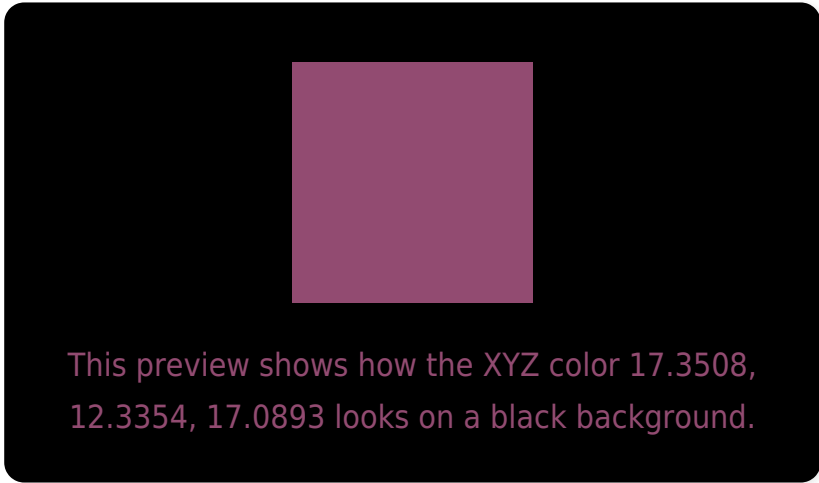
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.3508, 12.3354, 17.0893

Background



This preview shows how black text looks on a background with the XYZ color 17.3508, 12.3354, 17.0893.



This preview shows how white text looks on a background with the XYZ color 17.3508, 12.3354,

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

17.3508, 12.3354, 17.0893

Protanopia

12.6445, 12.5445, 22.5238

Deuteranopia

12.6521, 12.4129, 16.1971



Tritanopia

15.8761, 12.2488, 10.3316

Trichromacy



Original Color

17.3508, 12.3354, 17.0893

Protanomaly

13.7869, 12.1219, 20.3520

Deuteranomaly

13.9119, 12.0272, 16.3401

Tritanomaly

16.3373, 12.2226, 12.5645

Monochromacy



Original Color

17.3508, 12.3354, 17.0893

Achromatopsia

12.3695, 13.0136, 14.1719

Achromatomaly

13.7131, 12.4561, 15.0461

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3508, 12.3354, 17.0893 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, 75, 113)` looks like.

```
.text, #text, p{  
    color:rgb(146, 75, 113)  
}
```

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, 75, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 75, 113) }
```

Border

The CSS property to change the border of an element to XYZ 17.3508, 12.3354, 17.0893 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, 75, 113) }
```


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

```
.border{ border-color:rgb(146, 75, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 75, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 75, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 75, 113); box-shadow:4px 4px 4px 4px rgb(146, 75, 113) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3508, 12.3354, 17.0893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 75, 113) }
```

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

```
.background{ background-color: rgb(146, 75,  
113) }
```

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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