

Converting Colors

XYZ(17.4642, 11.3472, 14.6344)

Have a look what the booklet for
XYZ(17.4642, 11.3472, 14.6344)
contains.

XYZ(17.4642, 11.3472, 14.6344)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(17.4642, 11.3472,
14.6344)**

Conversions

Conversions Part 1

Format	Color
Hex	993F69
RGB	153, 63, 105
RGB Percent	60%, 25%, 41%
CMY	0.4000, 0.7529, 0.5882
CMYK	0.00, 0.59, 0.31, 0.40
HSL	332°, 42%, 42%
HSV	332°, 59%, 60%
XYZ	17.4642, 11.3472, 14.6344
YIQ	94.6980, 40.1580, 32.1420

Conversions

Conversions Part 2

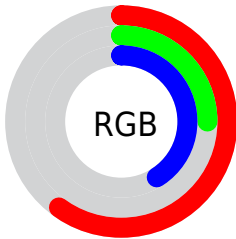
Format	Color
R_{YB}	153, 63, 105
Decimal	10043241
CIE _{Lab}	40.16, 42.19, -5.62
CIE _{LCh}	40, 42.561, 352.410
Yxy	11.3472, 0.4020, 0.2612
Android (android.graphics.Color)	4288233321 (0xFF993F69)
YUV	94.6980, 5.0789, 51.1309
Hunter-Lab	33.6856, 33.5930, -2.1781

Details

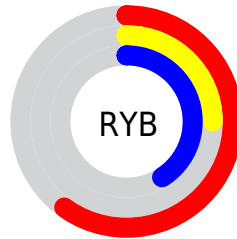
The XYZ color **17.4642, 11.3472, 14.6344** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **16.3110, 24.9873, 19.0035**, and the grayscale version is **10.7870, 11.3487, 12.3588**.

A 20% lighter version of the original color is **38.7098, 28.3634, 34.8869**, and **5.9527, 3.0450, 4.2770** is the 20% darker color. If you saturate the color by 10%, you get **16.3321, 9.7222, 12.2860**, and if you desaturate by 10%, it is **18.8727, 13.4604, 17.2737**.

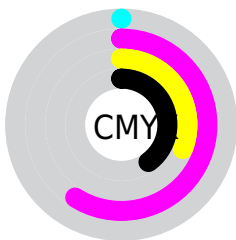
Distribution



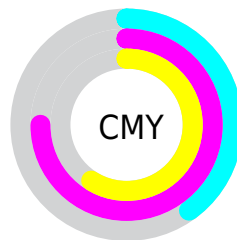
- Red (60%)
- Green (25%)
- Blue (41%)



- Red (60%)
- Yellow (25%)
- Blue (41%)



- Cyan (0%)
- Magenta (59%)
- Yellow (31%)
- Black (40%)





- Cyan (40%)
- Magenta (75%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.4642, 11.3472, 14.6344 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 17.4642, 11.3472, 14.6344 by changing the saturation by 10% instead.


 17.4642, 11.3472,
14.6344


 17.4642, 11.3472,
14.6344


230.9379,
200.0343, 232.7066


 10.6634, 6.3009,
8.4194


 38.6595, 28.3004,
34.9437


 5.9066, 3.0289,
4.2729

 53.7846, 40.9761,
49.8751


 2.8285, 1.1468,
1.7762

 72.4152, 56.9637,
68.5491

 1.0637, 0.0176,
0.4122

 94.9167, 76.6477,
91.3842

 0.0000, 0.0000,
0.0000

 121.6543,
100.4123, 118.7990

152.9935,

128.6420, 151.2119

189.2995,
161.7212, 189.0416

■ 17.4642, 11.3472,
14.6344

■ 17.4642, 11.3472,
14.6344

■ 16.3321, 9.7222,
12.2860

■ 18.8727, 13.4604,
17.2737

■ 15.4542, 8.5432,
10.2153

■ 20.5755, 16.0960,
20.2150

■ 14.8063, 7.7634,
8.4085

■ 22.5900, 19.2871,
23.4693

■ 14.3380, 7.2841,
6.8428

■ 24.9318, 23.0636,
27.0468

■ 14.2871, 7.2324,
6.6712

■ 27.6157, 27.4532,
30.9571

■ 30.6554, 32.4819,
35.2095

■ 34.0638, 38.1741,
39.8128

■ 37.8532, 44.5529,
44.7754

■ 42.0354, 51.6403,
50.1056

Harmonies

Analogous

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



15.9503, 11.3472, 25.1968



17.4642, 11.3472, 14.6344



16.9457, 11.3472, 7.1265

Triad

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



17.4642, 11.3472, 14.6344



8.7585, 11.3472, 2.5846



7.6738, 11.3472, 30.2845

Complementary

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



17.4642, 11.3472, 14.6344



16.3110, 24.9873, 19.0035

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.



6.3344, 11.3472, 19.6656



17.4642, 11.3472, 14.6344



6.8761, 11.3472, 4.8433

Square

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



17.4642, 11.3472, 14.6344



11.5541, 11.3472, 2.2200



6.0718, 11.3472, 10.3258



10.0511, 11.3472, 36.5640

Rectangle

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



17.4642, 11.3472, 14.6344



15.5544, 11.3472, 4.3025



6.0718, 11.3472, 10.3258



7.1065, 11.3472, 26.9231

Sweetspot

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



17.4645, 11.3478, 14.6346



44.8596, 41.6450, 48.7498



14.0834, 9.2351, 31.1774



9.6413, 8.7670, 10.3690



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



17.4645, 11.3478, 14.6346



28.6353, 16.5671, 20.6184



15.9827, 11.0282, 5.9895



6.3227, 6.2683, 7.0796



11.8245, 5.9840, 5.6010



0.1949, 0.0967, 0.1792

Inverse Universe

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



17.4645, 11.3478, 14.6346



28.6353, 16.5671, 20.6184



18.7064, 25.1697, 34.0095



6.3227, 6.2683, 7.0796



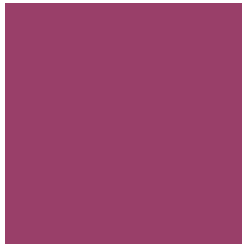
11.8245, 5.9840, 5.6010



0.1949, 0.0967, 0.1792

Previews

White Background



This preview shows how the XYZ color 17.4642, 11.3472, 14.6344 looks on a white background.

Color Contrast Check

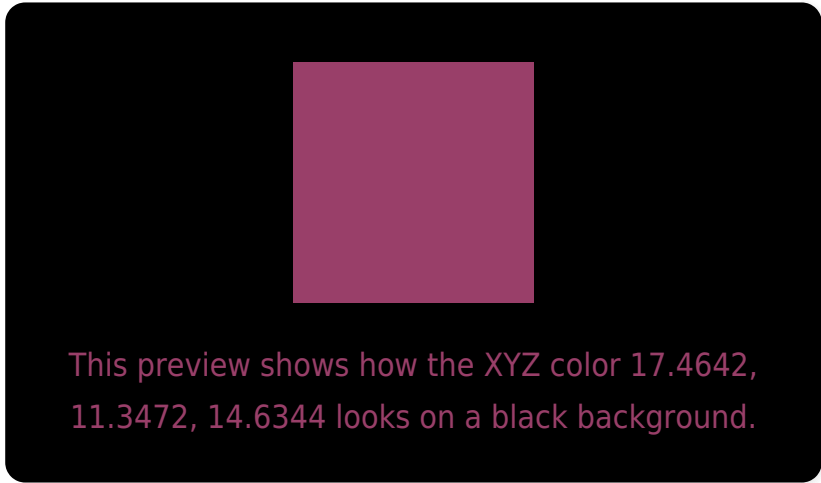
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.4642, 11.3472, 14.6344

Background



This preview shows how black text looks on a background with the XYZ color 17.4642, 11.3472, 14.6344.



This preview shows how white text looks on a background with the XYZ color 17.4642, 11.3472,

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

17.4642, 11.3472, 14.6344

Protanopia

11.6991, 11.5380, 21.3491

Deuteranopia

11.6941, 11.5736, 13.6742



Tritanopia

16.0039, 11.3588, 7.8275

Trichromacy



Original Color

17.4642, 11.3472, 14.6344

Protanomaly

12.9188, 10.8740, 18.5575

Deuteranomaly

13.3007, 11.0588, 14.0039

Tritanomaly

16.4093, 11.2495, 9.9008

Monochromacy



Original Color

17.4642, 11.3472, 14.6344

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

12.5478, 10.8004, 13.2277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4642, 11.3472, 14.6344 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(153, 63, 105)` looks like.

```
.text, #text, p{  
    color:rgb(153, 63, 105)  
}
```

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(153, 63, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 63, 105) }
```

Border

The CSS property to change the border of an element to XYZ 17.4642, 11.3472, 14.6344 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(153, 63, 105) }
```


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

```
.border{ border-color:rgb(153, 63, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 63, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 63, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 63, 105);  
box-shadow:4px 4px 4px 4px rgb(153, 63,  
105) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4642, 11.3472, 14.6344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 63, 105) }
```

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

```
.background{ background-color: rgb(153, 63,  
105) }
```

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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