

Converting Colors

XYZ(17.5846, 11.2654, 13.8180)

Have a look what the booklet for
XYZ(17.5846, 11.2654, 13.8180)
contains.

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Color

**XYZ(17.5846, 11.2654,
13.8180)**

Conversions

Conversions Part 1

Format	Color
Hex	9B3D66
RGB	155, 61, 102
RGB Percent	61%, 24%, 40%
CMY	0.3922, 0.7608, 0.6000
CMYK	0.00, 0.61, 0.34, 0.39
HSL	334°, 44%, 42%
HSV	334°, 61%, 61%
XYZ	17.5846, 11.2654, 13.8180
YIQ	93.7800, 42.8630, 32.6790

Conversions

Conversions Part 2

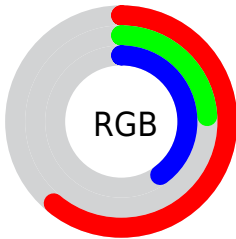
Format	Color
R_{YB}	155, 61, 102
Decimal	10173798
CIE _{Lab}	40.02, 43.42, -3.91
CIE _{LCh}	40, 43.599, 354.851
Yxy	11.2654, 0.4121, 0.2640
Android (android.graphics.Color)	4288363878 (0xFF9B3D66)
YUV	93.7800, 4.0525, 53.6899
Hunter-Lab	33.5640, 34.7815, -0.9144

Details

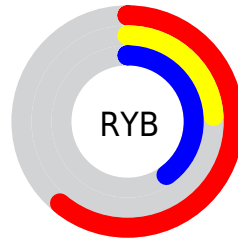
The XYZ color **17.5846, 11.2654, 13.8180** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **16.6837, 25.6500, 19.9928**, and the grayscale version is **10.5716, 11.1221, 12.1120**.

A 20% lighter version of the original color is **38.8063, 28.1072, 33.5169**, and **5.9451, 2.9852, 3.8773** is the 20% darker color. If you saturate the color by 10%, you get **16.4627, 9.6791, 11.4171**, and if you desaturate by 10%, it is **18.9920, 13.3494, 16.5398**.

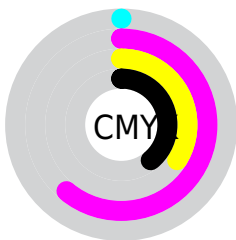
Distribution



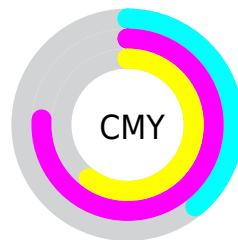
- Red (61%)
- Green (24%)
- Blue (40%)



- Red (61%)
- Yellow (24%)
- Blue (40%)



- Cyan (0%)
- Magenta (61%)
- Yellow (34%)
- Black (39%)



- Cyan (39%)
- Magenta (76%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5846, 11.2654, 13.8180 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 17.5846, 11.2654, 13.8180 by changing the saturation by 10% instead.

■ 17.5846, 11.2654,
13.8180

■ 17.5846, 11.2654,
13.8180

231.6102,
199.4794, 227.4846

■ 10.7500, 6.2456,
7.8569

■ 38.8639, 28.1499,
33.4782

■ 5.9651, 2.9950,
3.9171

■ 54.0393, 40.7834,
48.0144

■ 2.8643, 1.1291,
1.5800

■ 72.7257, 56.7237,
66.2460

■ 1.0824, 0.0026,
0.2765

■ 95.2885, 76.3550,
88.5916

■ 0.0103, 0.0000,
0.0000

■ 122.0930,
100.0619, 115.4697

■ 0.0000, 0.0000,
0.0000

153.5045,

128.2286, 147.2989

189.8885,
161.2397, 184.4977

■ 17.5846, 11.2654,
13.8180

■ 17.5846, 11.2654,
13.8180

■ 16.4627, 9.6791,
11.4171

■ 18.9920, 13.3494,
16.5398

■ 15.6027, 8.5457,
9.3220

■ 20.7039, 15.9673,
19.5951

■ 14.9784, 7.8152,
7.5166

■ 22.7389, 19.1540,
22.9967

■ 14.5488, 7.3811,
6.0632

■ 25.1137, 22.9409,
26.7562

■ 27.8438, 27.3570,
30.8847

■ 30.9435, 32.4294,
35.3927

■ 34.4268, 38.1838,
40.2903

■ 38.3064, 44.6444,
45.5872

■ 42.5947, 51.8340,
51.2928

Harmonies

Analogous

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



16.1840, 11.2654, 24.5285



17.5846, 11.2654, 13.8180



16.8793, 11.2654, 6.5261

Triad

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



17.5846, 11.2654, 13.8180



8.4503, 11.2654, 2.5246



7.7036, 11.2654, 31.4761

Complementary

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



17.5846, 11.2654, 13.8180



16.6837, 25.6500, 19.9928

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.



6.2599, 11.2654, 20.6543



17.5846, 11.2654, 13.8180



6.6309, 11.2654, 4.9734

Square

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



17.5846, 11.2654, 13.8180



11.2364, 11.2654, 2.0458



5.9076, 11.2654, 10.8350



10.1953, 11.2654, 37.3600

Rectangle

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



17.5846, 11.2654, 13.8180



15.3678, 11.2654, 3.8852



5.9076, 11.2654, 10.8350



7.0996, 11.2654, 28.1051

Sweetspot

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



17.5849, 11.2660, 13.8182



46.0387, 42.7948, 49.5519



14.3573, 9.1957, 32.0286



10.1338, 9.2250, 10.7743



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



17.5849, 11.2660, 13.8182



28.8476, 16.4755, 18.9647



16.2911, 11.1676, 5.7126



6.3151, 6.2652, 7.0393



11.7043, 5.9359, 4.9676



0.1928, 0.0959, 0.1680

Inverse Universe

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



17.5849, 11.2660, 13.8182



28.8476, 16.4755, 18.9647



18.7956, 25.2675, 34.8968



6.3151, 6.2652, 7.0393



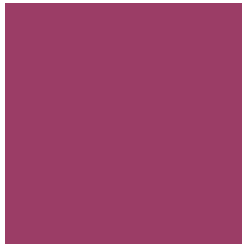
11.7043, 5.9359, 4.9676



0.1928, 0.0959, 0.1680

Previews

White Background



This preview shows how the XYZ color 17.5846, 11.2654, 13.8180 looks on a white background.

Color Contrast Check

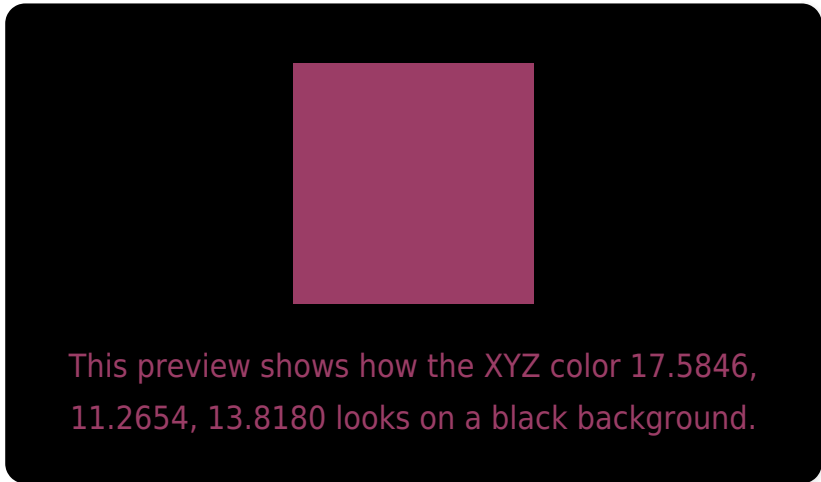
Large Text (above 18pt) WCAG AA ✓ Pass

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

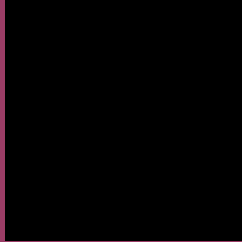
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.5846, 11.2654, 13.8180

Background



This preview shows how black text looks on a background with the XYZ color 17.5846, 11.2654, 13.8180.



This preview shows how white text looks on a background with the XYZ color 17.5846, 11.2654,

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

17.5846, 11.2654, 13.8180

Protanopia

11.5083, 11.4617, 20.3447

Deuteranopia

11.5783, 11.4009, 12.8996



Tritanopia

16.3137, 11.2545, 7.4434

Trichromacy



Original Color

17.5846, 11.2654, 13.8180

Protanomaly

12.7939, 10.7171, 17.6140

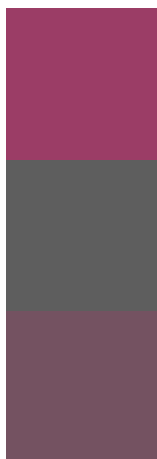
Deuteranomaly

13.2206, 10.9233, 13.2160

Tritanomaly

16.7781, 11.2752, 9.4756

Monochromacy



Original Color

17.5846, 11.2654, 13.8180

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

12.3774, 10.6107, 12.7050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5846, 11.2654, 13.8180 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(155, 61, 102)` looks like.

```
.text, #text, p{  
    color:rgb(155, 61, 102)  
}
```

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(155, 61, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 61, 102) }
```

Border

The CSS property to change the border of an element to XYZ 17.5846, 11.2654, 13.8180 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(155, 61, 102) }
```


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

```
.border{ border-color:rgb(155, 61, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 61, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 61, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 61, 102);  
box-shadow:4px 4px 4px 4px rgb(155, 61,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5846, 11.2654, 13.8180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 61, 102) }
```

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

```
.background{ background-color: rgb(155, 61,  
102) }
```

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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