

Converting Colors

XYZ(17.3919, 11.2340, 9.9028)

Have a look what the booklet for
XYZ(17.3919, 11.2340, 9.9028)
contains.

XYZ(17.4090, 11.2625, 9.8506)	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(17.4090, 11.2625,
9.8506)**

Conversions

Conversions Part 1

Format	Color
Hex	9E3D55
RGB	158, 61, 85
RGB Percent	62%, 24%, 33%
CMY	0.3804, 0.7608, 0.6667
CMYK	0.00, 0.61, 0.46, 0.38
HSL	345°, 44%, 43%
HSV	345°, 61%, 62%
XYZ	17.4090, 11.2625, 9.8506
YIQ	92.7390, 50.1080, 28.0280

Conversions

Conversions Part 2

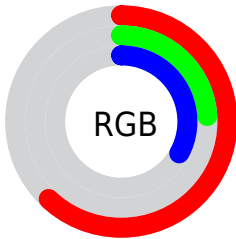
Format	Color
R_{YB}	158, 61, 85
Decimal	10370389
CIE _{Lab}	40.02, 42.49, 6.80
CIE _{LCh}	40, 43.033, 9.093
Yxy	11.2625, 0.4519, 0.2924
Android (android.graphics.Color)	4288560469 (0xFF9E3D55)
YUV	92.7390, -3.8153, 57.2339
Hunter-Lab	33.5596, 33.8671, 6.0886

Details

The XYZ color **17.4090, 11.2625, 9.8506** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **18.4552, 27.1674, 26.8275**, and the grayscale version is **10.3446, 10.8833, 11.8520**.

A 20% lighter version of the original color is **38.5271, 28.1304, 25.9534**, and **5.8625, 2.9780, 2.2733** is the 20% darker color. If you saturate the color by 10%, you get **16.2530, 9.6441, 7.3271**, and if you desaturate by 10%, it is **18.8935, 13.4108, 12.8755**.

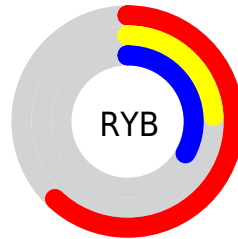
Distribution



Red (62%)

Green (24%)

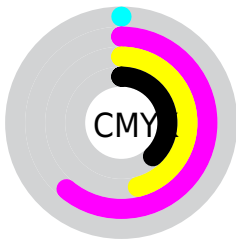
Blue (33%)



Red (62%)

Yellow (24%)

Blue (33%)

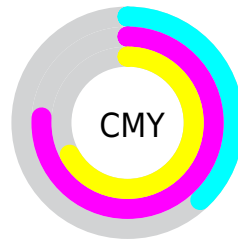


Cyan (0%)

Magenta (61%)

Yellow (46%)

Black (38%)



Cyan (38%)


Magenta (76%)


Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.4090, 11.2625, 9.8506 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 17.4090, 11.2625, 9.8506 by changing the saturation by 10% instead.


 17.4090, 11.2625,
9.8506

 17.4090, 11.2625,
9.8506


230.6290,
199.4597, 200.0484


 10.6236, 6.2437,
5.1957


 38.5657, 28.1446,
26.1175


 5.8798, 2.9938,
2.3018

 53.6677, 40.7766,
38.5666

 2.8121, 1.1285,
0.7322

 72.2727, 56.7152,
54.4509

 1.0552, 0.0021,
0.0000

 94.7460, 76.3446,
74.1888

 0.0000, 0.0000,
0.0000

 121.4529,
100.0494, 98.1990

 152.7588,

128.2140, 126.9000

189.0290,
161.2226, 160.7102

■ 17.4090, 11.2625,
9.8506

■ 17.4090, 11.2625,
9.8506

■ 16.2530, 9.6441,
7.3271

■ 18.8935, 13.4108,
12.8755

■ 15.3981, 8.5071,
5.2761

■ 20.7290, 16.1283,
16.4274

■ 14.8136, 7.7972,
3.6662

■ 22.9373, 19.4526,
20.5305

■ 14.4682, 7.4161,
2.5958

■ 25.5377, 23.4176,
25.2074

■ 28.5486, 28.0546,
30.4796

■ 31.9868, 33.3931,
36.3672

■ 35.8685, 39.4605,
42.8894

■ 40.2087, 46.2829,
50.0646

■ 45.0221, 53.8851,
57.9105

Harmonies

Analogous

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



16.9908, 11.2625, 19.0915



17.4090, 11.2625, 9.8506



15.7895, 11.2625, 4.5589

Triad

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



17.4090, 11.2625, 9.8506



7.4860, 11.2625, 3.4334



8.7894, 11.2625, 34.8325

Complementary

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



17.4090, 11.2625, 9.8506



18.4552, 27.1674, 26.8275

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.



6.8487, 11.2625, 25.7750



17.4090, 11.2625, 9.8506



6.1988, 11.2625, 7.2944

Square

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



17.4090, 11.2625, 9.8506



9.8254, 11.2625, 2.1541



5.9894, 11.2625, 15.0401



11.6349, 11.2625, 36.6133

Rectangle

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



17.4090, 11.2625, 9.8506



13.9218, 11.2625, 2.8904



5.9894, 11.2625, 15.0401



8.0258, 11.2625, 32.3882

Sweetspot

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



17.4093, 11.2631, 9.8508



47.9567, 44.9521, 48.5683



17.6326, 10.8547, 33.5135



10.4865, 9.6349, 10.3751



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.



17.4093, 11.2631, 9.8508



28.8225, 16.5757, 11.6945



18.2116, 14.1432, 6.1858



6.6970, 6.6717, 7.2556



11.6013, 5.9451, 2.1516



0.2227, 0.1124, 0.1186

Inverse Universe

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



17.4093, 11.2631, 9.8508



28.8225, 16.5757, 11.6945



16.5872, 20.4425, 35.4192



6.6970, 6.6717, 7.2556



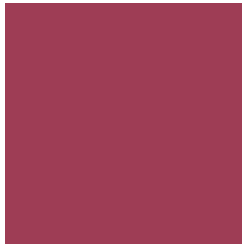
11.6013, 5.9451, 2.1516



0.2227, 0.1124, 0.1186

Previews

White Background



This preview shows how the XYZ color 17.4090, 11.2625, 9.8506 looks on a white background.

Color Contrast Check

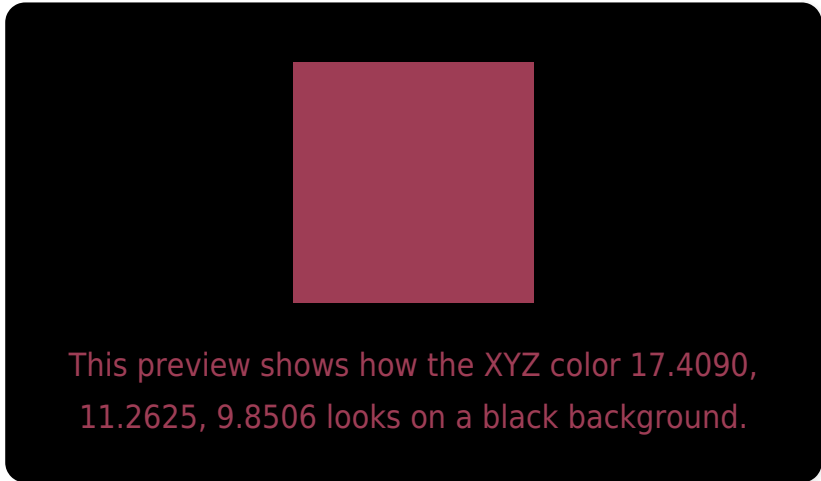
Large Text (above 18pt) WCAG AA ✓ Pass

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

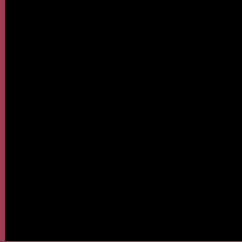
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.4090, 11.2625, 9.8506

Background



This preview shows how black text looks on a background with the XYZ color 17.4090, 11.2625, 9.8506.



This preview shows how white text looks on a background with the XYZ color 17.4090, 11.2625,

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

17.4090, 11.2625, 9.8506

Protanopia

11.0670, 11.3644, 14.4422

Deuteranopia

11.4957, 11.3126, 9.1671



Tritanopia

16.7814, 11.2522, 6.7563

Trichromacy



Original Color

17.4090, 11.2625, 9.8506

Protanomaly

12.4647, 10.6610, 12.4672

Deuteranomaly

13.1440, 10.8585, 9.3858

Tritanomaly

16.9182, 11.2175, 7.7521

Monochromacy



Original Color

17.4090, 11.2625, 9.8506

Achromatopsia

10.4043, 10.9462, 11.9204

Achromatomaly

12.1240, 10.4050, 11.0422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.4090, 11.2625, 9.8506 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(158, 61, 85)` looks like.

```
.text, #text, p{  
    color:rgb(158, 61, 85)  
}
```

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(158, 61, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 61, 85) }
```

Border

The CSS property to change the border of an element to XYZ 17.4090, 11.2625, 9.8506 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(158, 61, 85) }
```


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

```
.border{ border-color:rgb(158, 61, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 61, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 61, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 61, 85);  
box-shadow:4px 4px 4px 4px rgb(158, 61,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 17.4090, 11.2625, 9.8506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 61, 85) }
```

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

```
.background{ background-color: rgb(158, 61,  
85) }
```

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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