

Converting Colors

XYZ(17.5463, 11.5196, 10.0497)

Have a look what the booklet for
XYZ(17.5463, 11.5196, 10.0497)
contains.

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Color

**XYZ(17.5578, 11.4960,
10.0977)**

Conversions

Conversions Part 1

Format	Color
Hex	9E3F56
RGB	158, 63, 86
RGB Percent	62%, 25%, 34%
CMY	0.3804, 0.7529, 0.6627
CMYK	0.00, 0.60, 0.46, 0.38
HSL	345°, 43%, 43%
HSV	345°, 60%, 62%
XYZ	17.5578, 11.4960, 10.0977
YIQ	94.0270, 49.2370, 27.2930

Conversions

Conversions Part 2

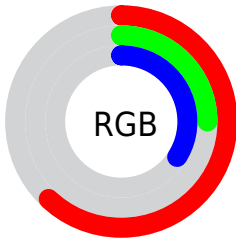
Format	Color
R_{YB}	158, 63, 86
Decimal	10370902
CIE _{Lab}	40.40, 41.64, 6.72
CIE _{LCh}	40, 42.181, 9.166
Yxy	11.4960, 0.4485, 0.2936
Android (android.graphics.Color)	4288560982 (0xFF9E3F56)
YUV	94.0270, -3.9573, 56.1043
Hunter-Lab	33.9058, 33.0996, 6.0765

Details

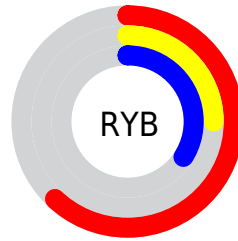
The XYZ color **17.5578, 11.4960, 10.0977** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **18.6506, 27.2601, 27.2021**, and the grayscale version is **10.6470, 11.2015, 12.1985**.

A 20% lighter version of the original color is **38.8936, 28.6380, 26.7703**, and **5.9231, 3.0717, 2.3785** is the 20% darker color. If you saturate the color by 10%, you get **16.3622, 9.8134, 7.5148**, and if you desaturate by 10%, it is **19.0860, 13.7144, 13.1905**.

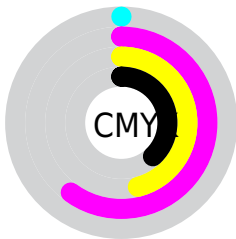
Distribution



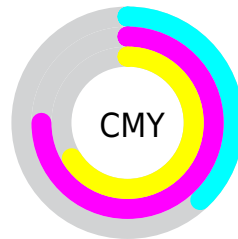
- Red (62%)
- Green (25%)
- Blue (34%)



- Red (62%)
- Yellow (25%)
- Blue (34%)



- Cyan (0%)
- Magenta (60%)
- Yellow (46%)
- Black (38%)



- Cyan (38%)
- Magenta (75%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.5578, 11.4960, 10.0977 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 17.5578, 11.4960, 10.0977 by changing the saturation by 10% instead.

■ 17.5578, 11.4960,
10.0977

■ 17.5578, 11.4960,
10.0977

231.4607,
201.0395, 201.8780

■ 10.7307, 6.4015,
5.3573

■ 38.8184, 28.5738,
26.5898

■ 5.9520, 3.0907,
2.3960

■ 53.9826, 41.3258,
39.1786

■ 2.8563, 1.1793,
0.7843

■ 72.6566, 57.3992,
55.2206

■ 1.0782, 0.0447,
0.0000

■ 95.2058, 77.1783,
75.1344

■ 0.0068, 0.0000,
0.0000

■ 121.9954,
101.0475, 99.3385

■ 0.0000, 0.0000,
0.0000

153.3909,

129.3911, 128.2514

189.7575,
162.5937, 162.2918

■ 17.5578, 11.4960,
10.0977

■ 17.5578, 11.4960,
10.0977

■ 16.3622, 9.8134,
7.5148

■ 19.0860, 13.7144,
13.1905

■ 15.4721, 8.6187,
5.4128

■ 20.9691, 16.5073,
16.8190

■ 14.8574, 7.8590,
3.7600

■ 23.2286, 19.9120,
21.0076

■ 14.4544, 7.4106,
2.5232

■ 25.8839, 23.9619,
25.7793

■ 28.9531, 28.6882,
31.1555

■ 32.4531, 34.1200,
37.1566

■ 36.3999, 40.2847,
43.8021

■ 40.8086, 47.2082,
51.1106

■ 45.6938, 54.9152,
59.0999

Harmonies

Analogous

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



17.1505, 11.4960, 19.2497



17.5578, 11.4960, 10.0977



15.9557, 11.4960, 4.7910

Triad

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



17.5578, 11.4960, 10.0977



7.7139, 11.4960, 3.6597



9.0261, 11.4960, 34.7450

Complementary

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



17.5578, 11.4960, 10.0977



18.6506, 27.2601, 27.2021

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.



7.0837, 11.4960, 25.8795



17.5578, 11.4960, 10.0977



6.4265, 11.4960, 7.5720

Square

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



17.5578, 11.4960, 10.0977



10.0454, 11.4960, 2.3401



6.2188, 11.4960, 15.2952



11.8578, 11.4960, 36.4653

Rectangle

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



17.5578, 11.4960, 10.0977



14.1085, 11.4960, 3.0937



6.2188, 11.4960, 15.2952



8.2632, 11.4960, 32.3583

Sweetspot

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



17.5581, 11.4966, 10.0979



47.9368, 44.9441, 48.4635



17.8210, 11.1133, 33.5536



10.4814, 9.6329, 10.3488



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.



17.5581, 11.4966, 10.0979



29.1242, 17.0152, 12.2998



18.3862, 14.4047, 6.5147



6.6956, 6.6712, 7.2483



11.5901, 5.9406, 2.0924



0.2222, 0.1122, 0.1163

Inverse Universe

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



17.5581, 11.4966, 10.0979



29.1242, 17.0152, 12.2998



16.7817, 20.6453, 35.4482



6.6956, 6.6712, 7.2483



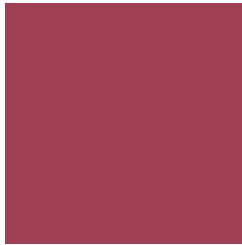
11.5901, 5.9406, 2.0924



0.2222, 0.1122, 0.1163

Previews

White Background



This preview shows how the XYZ color 17.5578, 11.4960, 10.0977 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



This preview shows how the XYZ color 17.5578, 11.4960, 10.0977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

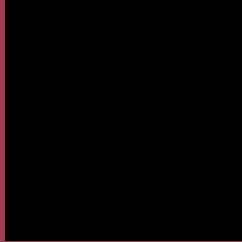
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.5578, 11.4960, 10.0977

Background



This preview shows how black text looks on a background with the XYZ color 17.5578, 11.4960, 10.0977.



This preview shows how white text looks on a background with the XYZ color 17.5578, 11.4960,

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

17.5578, 11.4960, 10.0977

Protanopia

11.3102, 11.6168, 14.7429

Deuteranopia

11.7805, 11.5785, 9.5966



Tritanopia

16.9583, 11.5067, 7.1216

Trichromacy



Original Color

17.5578, 11.4960, 10.0977

Protanomaly

12.7221, 10.9011, 12.7429

Deuteranomaly

13.2562, 11.0214, 9.6123

Tritanomaly

17.0994, 11.4705, 8.1503

Monochromacy



Original Color

17.5578, 11.4960, 10.0977

Achromatopsia

10.6392, 11.1932, 12.1894

Achromatomaly

12.3177, 10.7238, 11.3182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.5578, 11.4960, 10.0977 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, 63, 86)` looks like.

```
.text, #text, p{  
    color:rgb(158, 63, 86)  
}
```

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, 63, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 63, 86) }
```

Border

The CSS property to change the border of an element to XYZ 17.5578, 11.4960, 10.0977 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, 63, 86) }
```


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

```
.border{ border-color:rgb(158, 63, 86) }
```

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

Here you see how a box with a 4 pixel rgb(158, 63, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 63, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 63, 86);  
box-shadow:4px 4px 4px 4px rgb(158, 63,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 17.5578, 11.4960, 10.0977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 63, 86) }
```

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

```
.background{ background-color: rgb(158, 63,  
86) }
```

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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