

Converting Colors

XYZ(17.2280, 11.6146, 8.5416)

Have a look what the booklet for
XYZ(17.2280, 11.6146, 8.5416)
contains.

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Color

**XYZ(17.2280, 11.6146,
8.5416)**

Conversions

Conversions Part 1

Format	Color
Hex	9D424E
RGB	157, 66, 78
RGB Percent	62%, 26%, 31%
CMY	0.3843, 0.7412, 0.6941
CMYK	0.00, 0.58, 0.50, 0.38
HSL	352°, 41%, 44%
HSV	352°, 58%, 62%
XYZ	17.2280, 11.6146, 8.5416
YIQ	94.5770, 50.3840, 23.0240

Conversions

Conversions Part 2

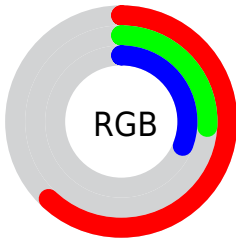
Format	Color
R_{YB}	157, 66, 78
Decimal	10306126
CIE _{Lab}	40.60, 39.01, 11.96
CIE _{LCh}	41, 40.808, 17.049
Yxy	11.6146, 0.4608, 0.3107
Android (android.graphics.Color)	4288496206 (0xFF9D424E)
YUV	94.5770, -8.1725, 54.7450
Hunter-Lab	34.0802, 30.5938, 8.9961

Details

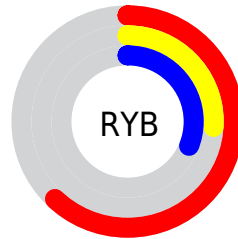
The XYZ color **17.2280, 11.6146, 8.5416** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **19.4153, 27.3168, 31.0393**, and the grayscale version is **10.7871, 11.3489, 12.3589**.

A 20% lighter version of the original color is **38.2164, 28.7020, 23.6045**, and **5.7870, 3.1451, 1.8154** is the 20% darker color. If you saturate the color by 10%, you get **15.9943, 9.8499, 5.9642**, and if you desaturate by 10%, it is **18.8154, 13.9246, 11.7369**.

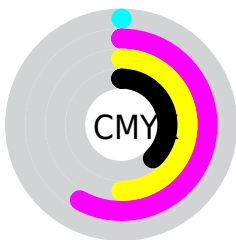
Distribution



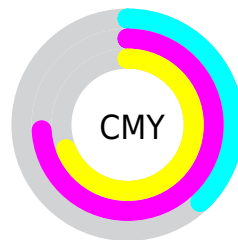
- Red (62%)
- Green (26%)
- Blue (31%)



- Red (62%)
- Yellow (26%)
- Blue (31%)



- Cyan (0%)
- Magenta (58%)
- Yellow (50%)
- Black (38%)





- Cyan (38%)
- Magenta (74%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.2280, 11.6146, 8.5416 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 17.2280, 11.6146, 8.5416 by changing the saturation by 10% instead.


 17.2280, 11.6146,
8.5416


 17.2280, 11.6146,
8.5416

229.6136,
201.8369, 190.0108


 10.4935, 6.4818,
4.3507


 38.2579, 28.7912,
23.5770


 5.7921, 3.1402,
1.8196

 53.2839, 41.6038,
35.2586


 2.7585, 1.2054,
0.4409

 71.8045, 57.7452,
50.2742

 1.0274, 0.0661,
0.0000

 94.1851, 77.5997,
69.0423

 0.0000, 0.0000,
0.0000

 120.7909,
101.5517, 91.9815

151.9874,

129.9856, 119.5103

188.1398,
163.2859, 152.0472

■ 17.2280, 11.6146,
8.5416

■ 17.2280, 11.6146,
8.5416

■ 15.9943, 9.8499,
5.9642

■ 18.8154, 13.9246,
11.7369

■ 15.0859, 8.5838,
3.9637

■ 20.7801, 16.8179,
15.5861

■ 14.4715, 7.7649,
2.4954

■ 23.1448, 20.3312,
20.1232

■ 14.0989, 7.3015,
1.5023

■ 25.9299, 24.4977,
25.3795

■ 14.0371, 7.2211,
1.3488

■ 29.1547, 29.3481,
31.3845

■ 32.8372, 34.9114,
38.1661

■ 36.9942, 41.2148,
45.7505

■ 41.6420, 48.2840,
54.1631

■ 46.7957, 56.1435,
63.4278

Harmonies

Analogous

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



17.3663, 11.6146, 16.5458



17.2280, 11.6146, 8.5416



15.2607, 11.6146, 4.2254

Triad

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



17.2280, 11.6146, 8.5416



7.4606, 11.6146, 4.6236



9.8437, 11.6146, 35.2666

Complementary

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



17.2280, 11.6146, 8.5416



19.4153, 27.3168, 31.0393

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.



7.6785, 11.6146, 28.1766



17.2280, 11.6146, 8.5416



6.4727, 11.6146, 9.4134

Square

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



17.2280, 11.6146, 8.5416



9.4934, 11.6146, 2.7341



6.5448, 11.6146, 17.8918



12.7446, 11.6146, 34.6880

Rectangle

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



17.2280, 11.6146, 8.5416



13.3435, 11.6146, 2.9403



6.5448, 11.6146, 17.8918



9.0169, 11.6146, 33.6047

Sweetspot

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



17.2283, 11.6152, 8.5418



46.7788, 44.3843, 46.0906



19.6880, 12.3391, 33.2422



10.0783, 9.4438, 9.7387



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.



17.2283, 11.6152, 8.5418



28.0302, 16.7758, 9.3549



19.3851, 16.5555, 7.3289



6.6669, 6.6597, 7.0970



11.4091, 5.8682, 1.1396



0.2130, 0.1085, 0.0676

Inverse Universe

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



17.2283, 11.6152, 8.5418



28.0302, 16.7758, 9.3549



15.4949, 17.9168, 34.5398



6.6669, 6.6597, 7.0970



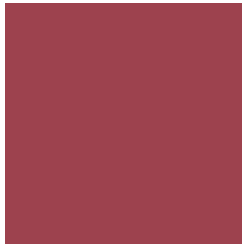
11.4091, 5.8682, 1.1396



0.2130, 0.1085, 0.0676

Previews

White Background



This preview shows how the XYZ color 17.2280, 11.6146, 8.5416 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 17.2280, 11.6146, 8.5416 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 17.2280, 11.6146, 8.5416

Background



This preview shows how black text looks on a background with the XYZ color 17.2280, 11.6146, 8.5416.



This preview shows how white text looks on a background with the XYZ color 17.2280, 11.6146,

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

17.2280, 11.6146, 8.5416

Protanopia

11.3042, 11.8087, 12.0394

Deuteranopia

11.8732, 11.6594, 8.1033



Tritanopia

17.0815, 11.6503, 7.4793

Trichromacy



Original Color

17.2280, 11.6146, 8.5416

Protanomaly

12.7557, 11.1946, 10.7210

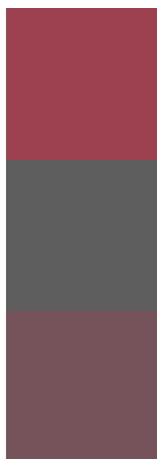
Deuteranomaly

13.4165, 11.3616, 8.1425

Tritanomaly

17.1478, 11.6768, 7.8286

Monochromacy



Original Color

17.2280, 11.6146, 8.5416

Achromatopsia

10.8771, 11.4435, 12.4620

Achromatomaly

12.4447, 10.9135, 10.9018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.2280, 11.6146, 8.5416 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(157, 66, 78)` looks like.

```
.text, #text, p{  
    color:rgb(157, 66, 78)  
}
```

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(157, 66, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 66, 78) }
```

Border

The CSS property to change the border of an element to XYZ 17.2280, 11.6146, 8.5416 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(157, 66, 78) }
```


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

```
.border{ border-color:rgb(157, 66, 78) }
```

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

Here you see how a box with a 4 pixel rgb(157, 66, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 66, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 66, 78);  
box-shadow:4px 4px 4px 4px rgb(157, 66,  
78) }
```

Background

The CSS property to change the background color of an element to XYZ 17.2280, 11.6146, 8.5416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 66, 78) }
```

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

```
.background{ background-color: rgb(157, 66,  
78) }
```

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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