

Converting Colors

XYZ(17.7441, 10.6197, 8.5596)

Have a look what the booklet for
XYZ(17.7441, 10.6197, 8.5596)
contains.

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Color

**XYZ(17.8194, 10.6537,
8.5143)**

Conversions

Conversions Part 1

Format	Color
Hex	A4314F
RGB	164, 49, 79
RGB Percent	64%, 19%, 31%
CMY	0.3569, 0.8078, 0.6902
CMYK	0.00, 0.70, 0.52, 0.36
HSL	344°, 54%, 42%
HSV	344°, 70%, 64%
XYZ	17.8194, 10.6537, 8.5143
YIQ	86.8050, 58.9100, 33.7100

Conversions

Conversions Part 2

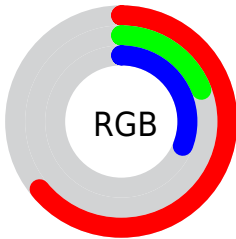
Format	Color
R _Y B	164, 49, 79
Decimal	10760527
CIE Lab	38.99, 49.14, 9.29
CIE LCh	39, 50.008, 10.703
Yxy	10.6537, 0.4818, 0.2880
Android (android.graphics.Color)	4288950607 (0xFFA4314F)
YUV	86.8050, -3.8479, 67.7000
Hunter-Lab	32.6400, 40.3298, 7.3819

Details

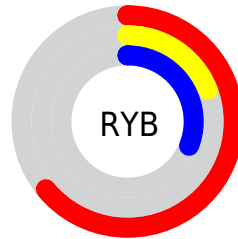
The XYZ color **17.8194, 10.6537, 8.5143** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **18.8460, 28.9253, 27.1469**, and the grayscale version is **9.0170, 9.4866, 10.3309**.

A 20% lighter version of the original color is **39.1780, 26.9470, 23.5585**, and **6.3668, 3.2471, 1.8813** is the 20% darker color. If you saturate the color by 10%, you get **16.8522, 9.3623, 6.2099**, and if you desaturate by 10%, it is **19.1172, 12.4776, 11.3262**.

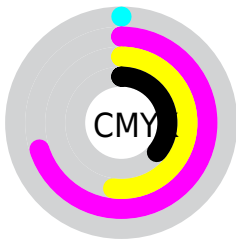
Distribution



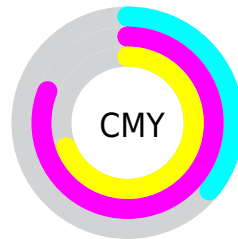
- Red (64%)
- Green (19%)
- Blue (31%)



- Red (64%)
- Yellow (19%)
- Blue (31%)



- Cyan (0%)
- Magenta (70%)
- Yellow (52%)
- Black (36%)





- Cyan (36%)
- Magenta (81%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 17.8194, 10.6537, 8.5143 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 17.8194, 10.6537, 8.5143 by changing the saturation by 10% instead.


 17.8194, 10.6537,
8.5143


 17.8194, 10.6537,
8.5143


232.9164,
195.2761, 189.7948


 10.9193, 5.8345,
4.3333


 39.2618, 27.0180,
23.5233


 6.0795, 2.7447,
1.8099


 54.5349, 39.3319,
35.1883

 2.9346, 0.9999,
0.4345

 73.3297, 54.9127,
50.1852

 1.1193, 0.0000,
0.0000

 96.0115, 74.1450,
68.9323

 0.0411, 0.0000,
0.0000

 122.9457, 97.4131,
91.8483

 0.0000, 0.0000,
0.0000

 154.4977,

125.1014, 119.3517

191.0328,
157.5942, 151.8610

■ 17.8194, 10.6537,
8.5143

■ 17.8194, 10.6537,
8.5143

■ 16.8522, 9.3623,
6.2099

■ 19.1172, 12.4776,
11.3262

■ 16.1818, 8.5427,
4.3798

■ 20.7731, 14.8824,
14.6743

■ 15.7416, 8.0652,
2.9909

■ 22.8126, 17.9131,
18.5861

■ 25.2587, 21.6099,
23.0865

■ 28.1322, 26.0093,
28.1991

■ 31.4529, 31.1454,
33.9462

■ 35.2389, 37.0499,
40.3488

■ 39.5075, 43.7528,
47.4270

■ 44.2753, 51.2824,
55.2001

Harmonies

Analogous

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



17.4595, 10.6537, 18.7847



17.8194, 10.6537, 8.5143



15.8034, 10.6537, 3.2752

Triad

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



17.8194, 10.6537, 8.5143



6.4951, 10.6537, 2.5074



8.1522, 10.6537, 38.9791

Complementary

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



17.8194, 10.6537, 8.5143



18.8460, 28.9253, 27.1469

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.



6.0029, 10.6537, 28.1594



17.8194, 10.6537, 8.5143



5.2016, 10.6537, 6.5301

Square

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



17.8194, 10.6537, 8.5143



8.9818, 10.6537, 1.2968



5.0437, 10.6537, 15.3536



11.3635, 10.6537, 40.5983

Rectangle

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



17.8194, 10.6537, 8.5143



13.5972, 10.6537, 1.8268



5.0437, 10.6537, 15.3536



7.3024, 10.6537, 36.0995

Sweetspot

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



17.8197, 10.6543, 8.5145



50.3539, 46.1175, 49.9369



17.5253, 9.8915, 36.1072



10.7009, 9.6102, 10.3740



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



17.8197, 10.6543, 8.5145



29.8625, 16.0830, 9.3545



18.4377, 13.2611, 4.4945



7.1461, 7.1149, 7.7557



12.0872, 6.1909, 2.3840



0.2722, 0.1374, 0.1459

Inverse Universe

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



17.8197, 10.6543, 8.5145



29.8625, 16.0830, 9.3545



16.9374, 21.2727, 38.3350



7.1461, 7.1149, 7.7557



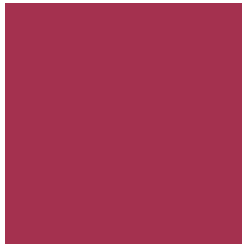
12.0872, 6.1909, 2.3840



0.2722, 0.1374, 0.1459

Previews

White Background



This preview shows how the XYZ color 17.8194, 10.6537, 8.5143 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 17.8194, 10.6537, 8.5143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

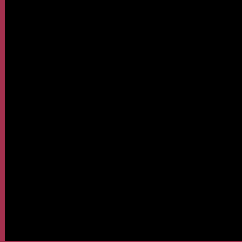
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.8194, 10.6537, 8.5143

Background



This preview shows how black text looks on a background with the XYZ color 17.8194, 10.6537, 8.5143.



This preview shows how white text looks on a background with the XYZ color 17.8194, 10.6537,

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

17.8194, 10.6537, 8.5143

Protanopia

10.6391, 10.8889, 14.1114

Deuteranopia

10.9593, 10.8139, 7.8130



Tritanopia

17.1619, 10.7203, 5.0356

Trichromacy



Original Color

17.8194, 10.6537, 8.5143

Protanomaly

12.0760, 9.8286, 11.8503

Deuteranomaly

12.6209, 9.9948, 7.9206

Tritanomaly

17.2864, 10.6242, 6.1406

Monochromacy



Original Color

17.8194, 10.6537, 8.5143

Achromatopsia

9.0590, 9.5307, 10.3790

Achromatomaly

11.0530, 9.0500, 9.5518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.8194, 10.6537, 8.5143 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(164, 49, 79)` looks like.

```
.text, #text, p{  
    color:rgb(164, 49, 79)  
}
```

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(164, 49, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 49, 79) }
```

Border

The CSS property to change the border of an element to XYZ 17.8194, 10.6537, 8.5143 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(164, 49, 79) }
```


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

```
.border{ border-color:rgb(164, 49, 79) }
```

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

Here you see how a box with a 4 pixel rgb(164, 49, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 49, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 49, 79);  
box-shadow:4px 4px 4px 4px rgb(164, 49,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 17.8194, 10.6537, 8.5143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 49, 79) }
```

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

```
.background{ background-color: rgb(164, 49,  
79) }
```

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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