

Converting Colors

XYZ(17.2935, 10.1571, 13.6196)

Have a look what the booklet for
XYZ(17.2935, 10.1571, 13.6196)
contains.

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Color

**XYZ(17.3194, 10.1604,
13.6187)**

Conversions

Conversions Part 1

Format	Color
Hex	9D2F66
RGB	157, 47, 102
RGB Percent	62%, 18%, 40%
CMY	0.3843, 0.8157, 0.6000
CMYK	0.00, 0.70, 0.35, 0.38
HSL	330°, 54%, 40%
HSV	330°, 70%, 62%
XYZ	17.3194, 10.1604, 13.6187
YIQ	86.1600, 47.9050, 40.4250

Conversions

Conversions Part 2

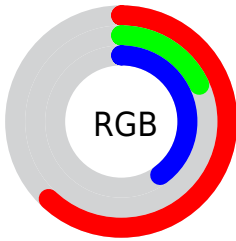
Format	Color
R_{YB}	157, 47, 102
Decimal	10301286
CIE _{Lab}	38.13, 50.15, -6.69
CIE _{LCh}	38, 50.597, 352.397
Yxy	10.1604, 0.4214, 0.2472
Android (android.graphics.Color)	4288491366 (0xFF9D2F66)
YUV	86.1600, 7.8091, 62.1267
Hunter-Lab	31.8754, 41.2056, -3.0188

Details

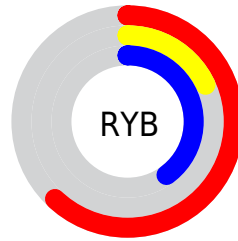
The XYZ color **17.3194, 10.1604, 13.6187** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **15.6281, 25.6779, 16.7045**, and the grayscale version is **8.8566, 9.3179, 10.1472**.

A 20% lighter version of the original color is **38.4278, 26.0543, 33.1406**, and **6.0564, 3.0425, 3.8825** is the 20% darker color. If you saturate the color by 10%, you get **16.4298, 8.9750, 11.4914**, and if you desaturate by 10%, it is **18.4723, 11.8132, 16.0159**.

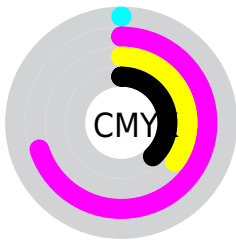
Distribution



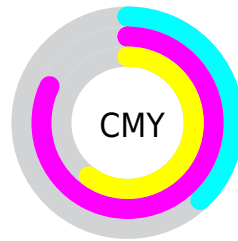
- Red (62%)
- Green (18%)
- Blue (40%)



- Red (62%)
- Yellow (18%)
- Blue (40%)



- Cyan (0%)
- Magenta (70%)
- Yellow (35%)
- Black (38%)





- Cyan (38%)
- Magenta (82%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.3194, 10.1604, 13.6187 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 17.3194, 10.1604, 13.6187 by changing the saturation by 10% instead.


 17.3194, 10.1604,
13.6187


 17.3194, 10.1604,
13.6187


230.1269,
191.8131, 226.1910


 10.5592, 5.5054,
7.7202


 38.4134, 26.0968,
33.1183


 5.8364, 2.5468,
3.8313

 53.4778, 38.1470,
47.5564


 2.7855, 0.9000,
1.5332

 72.0411, 53.4310,
65.6782

 1.0414, 0.0000,
0.2425

 94.4685, 72.3333,
87.9023

 0.0000, 0.0000,
0.0000

 121.1255, 95.2383,
114.6470

 152.3772,

122.5303, 146.3310

188.5893,
154.5938, 183.3728

■ 17.3194, 10.1604,
13.6187

■ 17.3194, 10.1604,
13.6187

■ 16.4298, 8.9750,
11.4914

■ 18.4723, 11.8132,
16.0159

■ 15.7760, 8.2039,
9.6195

■ 19.9103, 13.9757,
18.6948

■ 15.2976, 7.7253,
7.9862

■ 21.6538, 16.6872,
21.6670

■ 23.7211, 19.9828,
24.9430

■ 26.1290, 23.8944,
28.5328

■ 28.8930, 28.4519,
32.4457

■ 32.0275, 33.6830,
36.6907

■ 35.5465, 39.6139,
41.2764

■ 39.4627, 46.2693,
46.2108

Harmonies

Analogous

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



15.5390, 10.1604, 26.0755



17.3194, 10.1604, 13.6187



16.7087, 10.1604, 5.5258

Triad

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



17.3194, 10.1604, 13.6187



7.4556, 10.1604, 1.3724



6.3083, 10.1604, 32.3184

Complementary

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



17.3194, 10.1604, 13.6187



15.6281, 25.6779, 16.7045

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.



4.9351, 10.1604, 19.4325



17.3194, 10.1604, 13.6187



5.4858, 10.1604, 3.3151

Square

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



17.3194, 10.1604, 13.6187



10.5126, 10.1604, 1.0952



4.6723, 10.1604, 8.8488



8.8495, 10.1604, 40.2001

Rectangle

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



17.3194, 10.1604, 13.6187



15.0798, 10.1604, 2.8252



4.6723, 10.1604, 8.8488



5.7207, 10.1604, 28.1708

Sweetspot

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



17.3197, 10.1609, 13.6189



46.1782, 41.7845, 50.2017



12.5824, 7.2928, 32.6428



9.9122, 8.7883, 10.6801



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.



17.3197, 10.1609, 13.6189



28.7246, 15.2207, 18.6620



15.4346, 9.4069, 3.6922



6.7644, 6.6987, 7.6105



12.4432, 6.2818, 6.5849



0.2438, 0.1209, 0.2301

Inverse Universe

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



17.3197, 10.1609, 13.6189



28.7246, 15.2207, 18.6620



19.3154, 27.1528, 36.1213



6.7644, 6.6987, 7.6105



12.4432, 6.2818, 6.5849



0.2438, 0.1209, 0.2301

Previews

White Background



This preview shows how the XYZ color 17.3194, 10.1604, 13.6187 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

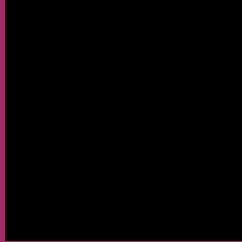
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 17.3194, 10.1604, 13.6187

Background



This preview shows how black text looks on a background with the XYZ color 17.3194, 10.1604, 13.6187.



This preview shows how white text looks on a background with the XYZ color 17.3194, 10.1604,

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

17.3194, 10.1604, 13.6187

Protanopia

10.8110, 10.4032, 22.9109

Deuteranopia

10.5308, 10.3654, 12.5120



Tritanopia

15.6818, 10.2331, 5.5635

Trichromacy



Original Color

17.3194, 10.1604, 13.6187

Protanomaly

11.9023, 9.3794, 18.9524

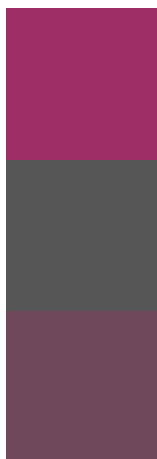
Deuteranomaly

12.1949, 9.5689, 12.7595

Tritanomaly

16.1412, 10.1287, 7.9418

Monochromacy



Original Color

17.3194, 10.1604, 13.6187

Achromatopsia

8.8453, 9.3059, 10.1341

Achromatomaly

10.9312, 8.8522, 11.2577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.3194, 10.1604, 13.6187 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, 47, 102)` looks like.

```
.text, #text, p{  
    color:rgb(157, 47, 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(157, 47, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 47, 102) }
```

Border

The CSS property to change the border of an element to XYZ 17.3194, 10.1604, 13.6187 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, 47, 102) }
```


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

```
.border{ border-color:rgb(157, 47, 102) }
```

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

Here you see how a box with a 4 pixel rgb(157, 47, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 47, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 47, 102);  
box-shadow:4px 4px 4px 4px rgb(157, 47,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 17.3194, 10.1604, 13.6187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 47, 102) }
```

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

```
.background{ background-color: rgb(157, 47,  
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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