

Converting Colors

XYZ(20.2140, 15.1039, 17.5770)

Have a look what the booklet for
XYZ(20.2140, 15.1039, 17.5770)
contains.

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Color

**XYZ(20.2935, 15.1767,
17.4826)**

Conversions

Conversions Part 1

Format	Color
Hex	9D5771
RGB	157, 87, 113
RGB Percent	62%, 34%, 44%
CMY	0.3843, 0.6588, 0.5569
CMYK	0.00, 0.45, 0.28, 0.38
HSL	338°, 29%, 48%
HSV	338°, 45%, 62%
XYZ	20.2935, 15.1767, 17.4826
YIQ	110.8940, 33.3740, 22.9260

Conversions

Conversions Part 2

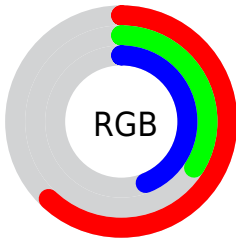
Format	Color
R_{YB}	157, 87, 113
Decimal	10311537
CIE _{Lab}	45.88, 32.14, -2.02
CIE _{LCh}	46, 32.203, 356.399
Yxy	15.1767, 0.3832, 0.2866
Android (android.graphics.Color)	4288501617 (0xFF9D5771)
YUV	110.8940, 1.0383, 40.4350
Hunter-Lab	38.9573, 24.8084, 0.6629

Details

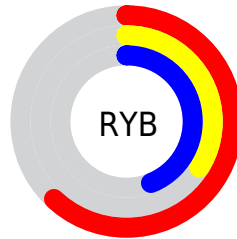
The XYZ color **20.2935, 15.1767, 17.4826** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.0849, 27.7794, 25.7775**, and the grayscale version is **15.0694, 15.8542, 17.2652**.

A 20% lighter version of the original color is **43.3206, 35.0397, 40.0774**, and **7.2408, 4.6514, 5.5172** is the 20% darker color. If you saturate the color by 10%, you get **18.6322, 12.6953, 14.3350**, and if you desaturate by 10%, it is **22.2926, 18.2367, 21.0412**.

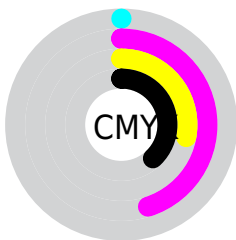
Distribution



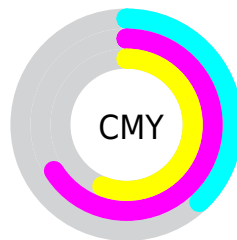
- Red (62%)
- Green (34%)
- Blue (44%)



- Red (62%)
- Yellow (34%)
- Blue (44%)



- Cyan (0%)
- Magenta (45%)
- Yellow (28%)
- Black (38%)





- Cyan (38%)
- Magenta (66%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 20.2935, 15.1767, 17.4826 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 20.2935, 15.1767, 17.4826 by changing the saturation by 10% instead.


 20.2935, 15.1767,
17.4826


 20.2935, 15.1767,
17.4826


246.3030,
224.4333, 250.0757


 12.7181, 8.9435,
10.4136


 43.4089, 35.1629,
39.9556

 7.3104, 4.7043,
5.5649


 59.6796, 49.6846,
56.1968


 3.7050, 2.0749,
2.5179

 79.5794, 67.7380,
76.3323

 1.5366, 0.6504,
0.8496

 103.4737, 89.7074,
100.7809

 0.3506, 0.0000,
0.0000

 131.7279,
115.9772, 129.9609

 0.0000, 0.0000,
0.0000

164.7073,

146.9319, 164.2911

202.7772,
182.9558, 204.1898

■ 20.2935, 15.1767,
17.4826

■ 20.2935, 15.1767,
17.4826

■ 18.6322, 12.6953,
14.3350

■ 22.2926, 18.2367,
21.0412

■ 17.2872, 10.7532,
11.5814

■ 24.6465, 21.9066,
25.0252

■ 16.2369, 9.3099,
9.2047

■ 27.3725, 26.2184,
29.4491

■ 15.4557, 8.3179,
7.1858

■ 30.4865, 31.2010,
34.3265

■ 14.9127, 7.7190,
5.5031

■ 34.0034, 36.8816,
39.6706

■ 14.6764, 7.4768,
4.7141

■ 37.9372, 43.2858,
45.4936

■ 42.3015, 50.4381,
51.8075

■ 47.1088, 58.3615,
58.6240

■ 52.3716, 67.0785,
65.9540

Harmonies

Analogous

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



19.2295, 15.1767, 26.2666



20.2935, 15.1767, 17.4826



19.6297, 15.1767, 10.7243

Triad

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



20.2935, 15.1767, 17.4826



12.2243, 15.1767, 6.4184



11.7223, 15.1767, 32.3853

Complementary

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



20.2935, 15.1767, 17.4826



20.0849, 27.7794, 25.7775

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.



10.2327, 15.1767, 24.1113



20.2935, 15.1767, 17.4826



10.4959, 15.1767, 9.5498

Square

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



20.2935, 15.1767, 17.4826



14.7557, 15.1767, 5.6374



9.8133, 15.1767, 15.6027



14.0993, 15.1767, 36.4109

Rectangle

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



20.2935, 15.1767, 17.4826



18.3368, 15.1767, 7.8844



9.8133, 15.1767, 15.6027



11.1133, 15.1767, 29.9030

Sweetspot

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



20.2939, 15.1774, 17.4829



49.7239, 48.0736, 53.8573



18.7262, 14.0105, 33.6159



10.7023, 10.1976, 11.4703



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.



20.2939, 15.1774, 17.4829



33.2462, 22.5567, 25.4323



19.7328, 16.0714, 11.0797



6.7298, 6.6849, 7.4285



11.9365, 6.0792, 3.9168



0.2331, 0.1165, 0.1734

Inverse Universe

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



20.2939, 15.1774, 17.4829



33.2462, 22.5567, 25.4323



20.7380, 25.9033, 35.8054



6.7298, 6.6849, 7.4285



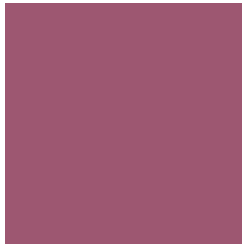
11.9365, 6.0792, 3.9168



0.2331, 0.1165, 0.1734

Previews

White Background



This preview shows how the XYZ color 20.2935, 15.1767, 17.4826 looks on a white background.

Color Contrast Check

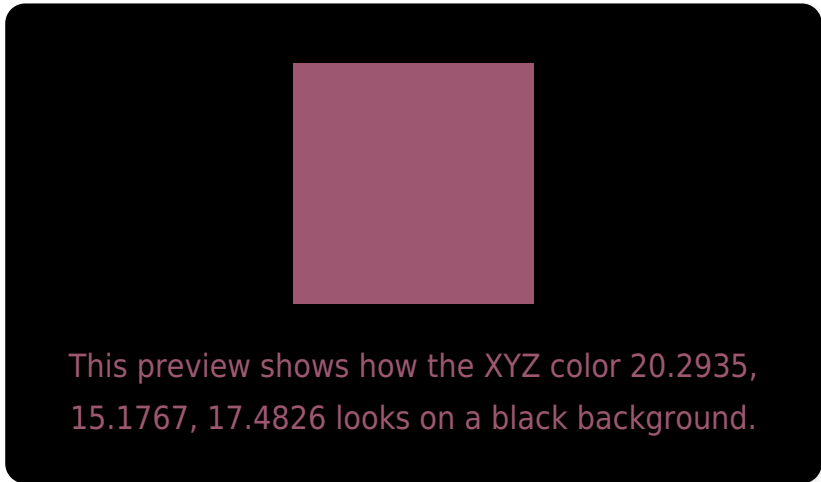
Large Text (above 18pt) WCAG AA ✓ Pass

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

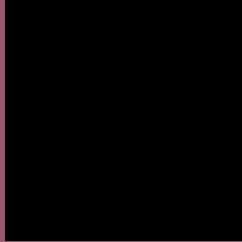
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 20.2935, 15.1767, 17.4826

Background



This preview shows how black text looks on a background with the XYZ color 20.2935, 15.1767, 17.4826.



This preview shows how white text looks on a background with the XYZ color 20.2935, 15.1767,

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

20.2935, 15.1767, 17.4826

Protanopia

15.0723, 15.2957, 21.8966

Deuteranopia

15.5763, 15.3558, 16.8949



Tritanopia

19.3314, 15.1440, 13.2135

Trichromacy



Original Color

20.2935, 15.1767, 17.4826

Protanomaly

16.4658, 14.8548, 20.0886

Deuteranomaly

17.0039, 15.0579, 17.0492

Tritanomaly

19.7309, 15.1919, 14.7244

Monochromacy



Original Color

20.2935, 15.1767, 17.4826

Achromatopsia

15.1092, 15.8961, 17.3108

Achromatomaly

16.5781, 15.2618, 17.4013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2935, 15.1767, 17.4826 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, 87, 113)` looks like.

```
.text, #text, p{  
    color:rgb(157, 87, 113)  
}
```

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, 87, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 87, 113) }
```

Border

The CSS property to change the border of an element to XYZ 20.2935, 15.1767, 17.4826 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, 87, 113) }
```


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

```
.border{ border-color:rgb(157, 87, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 87, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 87, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 87, 113);  
box-shadow:4px 4px 4px 4px rgb(157, 87,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2935, 15.1767, 17.4826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 87, 113) }
```

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

```
.background{ background-color: rgb(157, 87,  
113) }
```

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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