

Converting Colors

XYZ(19.7661, 17.2335, 15.9529)

Have a look what the booklet for
XYZ(19.7661, 17.2335, 15.9529)
contains.

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Color

**XYZ(19.7646, 17.2371,
15.9211)**

Conversions

Conversions Part 1

Format	Color
Hex	94686A
RGB	148, 104, 106
RGB Percent	58%, 41%, 42%
CMY	0.4196, 0.5921, 0.5843
CMYK	0.00, 0.30, 0.28, 0.42
HSL	357°, 17%, 49%
HSV	357°, 30%, 58%
XYZ	19.7646, 17.2371, 15.9211
YIQ	117.3840, 25.5820, 9.9500

Conversions

Conversions Part 2

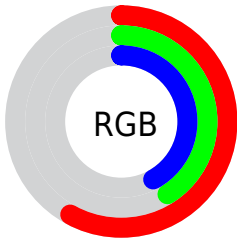
Format	Color
R_{YB}	148, 104, 106
Decimal	9726058
CIE _{Lab}	48.56, 17.96, 5.94
CIE _{LCh}	49, 18.916, 18.301
Yxy	17.2371, 0.3735, 0.3257
Android (android.graphics.Color)	4287916138 (0xFF94686A)
YUV	117.3840, -5.6123, 26.8502
Hunter-Lab	41.5176, 12.3198, 6.3259

Details

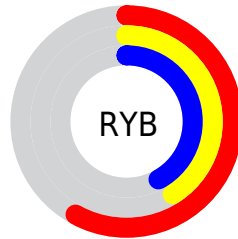
The XYZ color **19.7646, 17.2371, 15.9211** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.4879, 26.1986, 31.1197**, and the grayscale version is **17.0394, 17.9268, 19.5222**.

A 20% lighter version of the original color is **42.4357, 38.5735, 37.1071**, and **7.0275, 5.6309, 4.8542** is the 20% darker color. If you saturate the color by 10%, you get **17.7284, 14.2451, 11.9113**, and if you desaturate by 10%, it is **22.1843, 20.8021, 20.6564**.

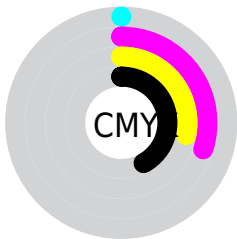
Distribution



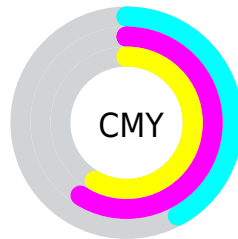
- Red (58%)
- Green (41%)
- Blue (42%)



- Red (58%)
- Yellow (41%)
- Blue (42%)



- Cyan (0%)
- Magenta (30%)
- Yellow (28%)
- Black (42%)



- Cyan (42%)
- Magenta (59%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7646, 17.2371, 15.9211 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 19.7646, 17.2371, 15.9211 by changing the saturation by 10% instead.

■ 19.7646, 17.2371,
15.9211

■ 19.7646, 17.2371,
15.9211

243.4958,
236.5350, 240.7055

■ 12.3313, 10.4037,
9.3146

■ 42.5291, 38.7330,
37.2261

■ 7.0435, 5.6674,
4.8473

■ 58.5911, 54.1642,
52.7616

■ 3.5359, 2.6439,
2.1008

■ 78.2600, 73.2302,
72.1105

■ 1.4431, 0.9488,
0.6162

■ 101.9011, 96.3154,
95.6914

■ 0.2866, 0.0000,
0.0000

129.8800,
123.8040, 123.9229

■ 0.0000, 0.0000,
0.0000

162.5618,

156.0806, 157.2233

200.3119,
193.5294, 196.0113

■ 19.7646, 17.2371,
15.9211

■ 19.7646, 17.2371,
15.9211

■ 17.7284, 14.2451,
11.9113

■ 22.1843, 20.8021,
20.6564

■ 16.0546, 11.7940,
8.5901

■ 25.0043, 24.9652,
26.1493

■ 14.7225, 9.8521,
5.9192

■ 28.2420, 29.7530,
32.4316

■ 13.7085, 8.3836,
3.8558

■ 31.9136, 35.1897,
39.5325

■ 12.9859, 7.3482,
2.3522

■ 36.0341, 41.2983,
47.4801

■ 12.5241, 6.6984,
1.3536

■ 40.6181, 48.1006,
56.3010

■ 12.2561, 6.3203,
0.7780

■ 45.6794, 55.6176,
66.0207

■ 12.2496, 6.3107,
0.7654

■ 51.2311, 63.8692,
76.6636

■ 57.2861, 72.8745,
88.2532

Harmonies

Analogous

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



19.8777, 17.2371, 20.7761



19.7646, 17.2371, 15.9211



18.7079, 17.2371, 12.4920

Triad

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



19.7646, 17.2371, 15.9211



14.0132, 17.2371, 13.0955



15.7152, 17.2371, 29.7840

Complementary

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



19.7646, 17.2371, 15.9211



21.4879, 26.1986, 31.1197

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.



14.2598, 17.2371, 26.8576



19.7646, 17.2371, 15.9211



13.3246, 17.2371, 16.8941

Square

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



19.7646, 17.2371, 15.9211



15.3564, 17.2371, 11.0705



13.4115, 17.2371, 21.9361



17.4550, 17.2371, 29.3976

Rectangle

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



19.7646, 17.2371, 15.9211



17.6500, 17.2371, 11.2076



13.4115, 17.2371, 21.9361



15.1788, 17.2371, 29.1367

Sweetspot

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



19.7651, 17.2379, 15.9214



44.4122, 44.4834, 46.7097



22.1146, 18.1322, 30.3515



9.9753, 9.9137, 10.3458



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



19.7651, 17.2379, 15.9214



32.2929, 26.6205, 23.0148



21.8946, 21.6613, 16.1247



5.8108, 5.8194, 6.1100



10.4659, 5.3914, 0.6685



0.1302, 0.0668, 0.0193

Inverse Universe

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



19.7651, 17.2379, 15.9214



32.2929, 26.6205, 23.0148



18.8002, 20.5725, 30.9972



5.8108, 5.8194, 6.1100



10.4659, 5.3914, 0.6685



0.1302, 0.0668, 0.0193

Previews

White Background



This preview shows how the XYZ color 19.7646, 17.2371, 15.9211 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 19.7646, 17.2371, 15.9211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

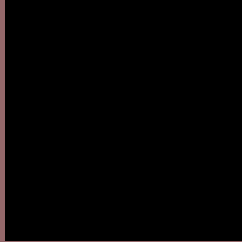
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.7646, 17.2371, 15.9211

Background



This preview shows how black text looks on a background with the XYZ color 19.7646, 17.2371, 15.9211.



This preview shows how white text looks on a background with the XYZ color 19.7646, 17.2371,

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

19.7646, 17.2371, 15.9211

Protanopia

16.6631, 17.3533, 17.8005

Deuteranopia

17.5943, 17.2141, 15.7599



Tritanopia

20.1139, 17.2378, 17.3060

Trichromacy



Original Color

19.7646, 17.2371, 15.9211

Protanomaly

17.7048, 17.2405, 17.1465

Deuteranomaly

18.2289, 17.0634, 15.6974

Tritanomaly

20.0050, 17.1942, 16.7324

Monochromacy



Original Color

19.7646, 17.2371, 15.9211

Achromatopsia

16.9083, 17.7888, 19.3720

Achromatomaly

17.6769, 17.3698, 18.0438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7646, 17.2371, 15.9211 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(148, 104, 106) looks like.

```
.text, #text, p{  
    color:rgb(148, 104, 106)  
}
```

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(148, 104, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 104, 106) }
```

Border

The CSS property to change the border of an element to XYZ 19.7646, 17.2371, 15.9211 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(148, 104, 106) }
```


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

```
.border{ border-color:rgb(148, 104, 106) }
```

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

Here you see how a box with a 4 pixel rgb(148, 104, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 104, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 104, 106);  
box-shadow:4px 4px 4px 4px rgb(148, 104,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7646, 17.2371, 15.9211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 104, 106) }
```

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

```
.background{ background-color: rgb(148,  
104, 106) }
```

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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