

Converting Colors

XYZ(19.6881, 15.0170, 10.6425)

Have a look what the booklet for
XYZ(19.6881, 15.0170, 10.6425)
contains.

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Color

**XYZ(19.7859, 15.0653,
10.6692)**

Conversions

Conversions Part 1

Format	Color
Hex	A15756
RGB	161, 87, 86
RGB Percent	63%, 34%, 34%
CMY	0.3686, 0.6588, 0.6627
CMYK	0.00, 0.46, 0.47, 0.37
HSL	1°, 30%, 48%
HSV	1°, 47%, 63%
XYZ	19.7859, 15.0653, 10.6692
YIQ	109.0120, 44.4250, 15.3770

Conversions

Conversions Part 2

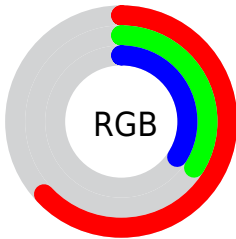
Format	Color
RYB	161, 87, 86
Decimal	10573654
CIELab	45.72, 30.28, 14.21
CIELCh	46, 33.451, 25.147
Yxy	15.0653, 0.4347, 0.3310
Android (android.graphics.Color)	4288763734 (0xFFA15756)
YUV	109.0120, -11.3449, 45.5935
Hunter-Lab	38.8140, 23.0678, 10.8722

Details

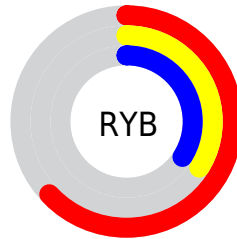
The XYZ color **19.7859, 15.0653, 10.6692** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.8412, 29.6922, 38.2457**, and the grayscale version is **14.5619, 15.3203, 16.6838**.

A 20% lighter version of the original color is **42.4459, 34.8600, 27.7841**, and **7.0696, 4.6753, 2.6276** is the 20% darker color. If you saturate the color by 10%, you get **18.0612, 12.5397, 7.2464**, and if you desaturate by 10%, it is **21.9405, 18.2168, 14.9564**.

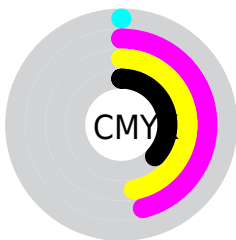
Distribution



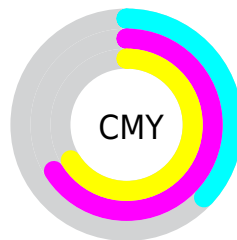
- Red (63%)
- Green (34%)
- Blue (34%)



- Red (63%)
- Yellow (34%)
- Blue (34%)



- Cyan (0%)
- Magenta (46%)
- Yellow (47%)
- Black (37%)



- Cyan (37%)
- Magenta (66%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7859, 15.0653, 10.6692 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 19.7859, 15.0653, 10.6692 by changing the saturation by 10% instead.

■ 19.7859, 15.0653,
10.6692

■ 19.7859, 15.0653,
10.6692

243.6094,
223.7611, 206.0391

■ 12.3469, 8.8652,
5.7335

■ 42.5646, 34.9677,
27.6741

■ 7.0542, 4.6534,
2.6176

■ 58.6350, 49.4388,
40.5803

■ 3.5427, 2.0454,
0.9015

■ 78.3133, 67.4357,
56.9805

■ 1.4468, 0.6336,
0.0000

■ 101.9647, 89.3428,
77.2931

■ 0.2892, 0.0000,
0.0000

■ 129.9547,
115.5445, 101.9367

■ 0.0000, 0.0000,
0.0000

162.6485,

146.4252, 131.3299

200.4117,
182.3693, 165.8912

■ 19.7859, 15.0653,
10.6692

■ 19.7859, 15.0653,
10.6692

■ 18.0612, 12.5397,
7.2464

■ 21.9405, 18.2168,
14.9564

■ 16.7366, 10.5963,
4.6287

■ 24.5499, 22.0297,
20.1605

■ 15.7801, 9.1893,
2.7505


■ 27.6385, 26.5394,
26.3304


■ 15.1547, 8.2649,
1.5356

■ 31.2285, 31.7784,
33.5117


■ 14.8104, 7.7537,
0.8740


■ 35.3410, 37.7768,
41.7468

 14.7214, 7.6239,
0.6956

 39.9957, 44.5633,
51.0759

 45.2112, 52.1649,
61.5370

 51.0054, 60.6075,
73.1662

 57.3952, 69.9158,
85.9982

Harmonies

Analogous

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



20.4033, 15.0653, 17.7472



19.7859, 15.0653, 10.6692



17.6328, 15.0653, 6.7026

Triad

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



19.7859, 15.0653, 10.6692



10.3284, 15.0653, 9.0566



13.8671, 15.0653, 37.1480

Complementary

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



19.7859, 15.0653, 10.6692



22.8412, 29.6922, 38.2457

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.



11.4490, 15.0653, 32.6532



19.7859, 15.0653, 10.6692



9.5834, 15.0653, 15.1295

Square

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



19.7859, 15.0653, 10.6692



12.1444, 15.0653, 6.0075



9.9653, 15.0653, 23.8939



16.7391, 15.0653, 34.7680

Rectangle

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



19.7859, 15.0653, 10.6692



15.7487, 15.0653, 5.5346



9.9653, 15.0653, 23.8939



12.9788, 15.0653, 36.3580

Sweetspot

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



19.7863, 15.0661, 10.6695



50.9085, 49.5886, 49.9755



24.4589, 16.8060, 35.6731



10.8935, 10.4793, 10.4176



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



19.7863, 15.0661, 10.6695



32.2194, 22.2719, 12.7269



23.5230, 22.5394, 11.9150



7.0810, 7.1004, 7.3774



11.7599, 6.0938, 0.5564



0.2493, 0.1323, 0.0124

Inverse Universe

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



22.8412, 29.6922, 38.2457



38.3774, 51.7685, 68.3562



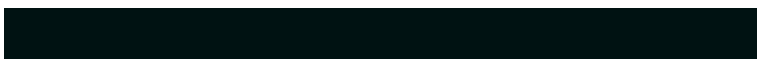
17.4161, 18.8421, 36.4373



7.2680, 7.9949, 9.0632



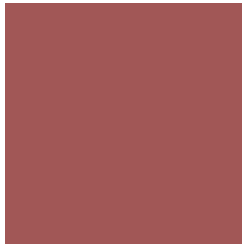
15.0213, 21.8221, 30.3502



0.3180, 0.4633, 0.6385

Previews

White Background



This preview shows how the XYZ color 19.7859, 15.0653, 10.6692 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 19.7859, 15.0653, 10.6692 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 19.7859, 15.0653, 10.6692

Background



This preview shows how black text looks on a background with the XYZ color 19.7859, 15.0653, 10.6692.



This preview shows how white text looks on a background with the XYZ color 19.7859, 15.0653,

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

19.7859, 15.0653, 10.6692

Protanopia

14.4133, 15.1471, 13.2303

Deuteranopia

15.4137, 15.1144, 10.2886



Tritanopia

19.9575, 15.0054, 11.9697

Trichromacy



Original Color

19.7859, 15.0653, 10.6692

Protanomaly

15.8490, 14.7123, 12.1296

Deuteranomaly

16.7831, 14.9509, 10.3888

Tritanomaly

19.8712, 14.9708, 11.5152

Monochromacy



Original Color

19.7859, 15.0653, 10.6692

Achromatopsia

14.5356, 15.2926, 16.6537

Achromatomaly

15.9047, 14.8361, 14.3373

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7859, 15.0653, 10.6692 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(161, 87, 86)` looks like.

```
.text, #text, p{  
    color:rgb(161, 87, 86)  
}
```

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(161, 87, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 87, 86) }
```

Border

The CSS property to change the border of an element to XYZ 19.7859, 15.0653, 10.6692 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(161, 87, 86) }
```


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

```
.border{ border-color:rgb(161, 87, 86) }
```

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

Here you see how a box with a 4 pixel rgb(161, 87, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 87, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 87, 86);  
box-shadow:4px 4px 4px 4px rgb(161, 87,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7859, 15.0653, 10.6692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 87, 86) }
```

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

```
.background{ background-color: rgb(161, 87,  
86) }
```

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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