

Converting Colors

XYZ(19.1723, 15.2462, 10.2779)

Have a look what the booklet for
XYZ(19.1723, 15.2462, 10.2779)
contains.

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Color

**XYZ(19.2459, 15.2904,
10.3245)**

Conversions

Conversions Part 1

Format	Color
Hex	9D5B54
RGB	157, 91, 84
RGB Percent	62%, 36%, 33%
CMY	0.3843, 0.6431, 0.6706
CMYK	0.00, 0.42, 0.46, 0.38
HSL	6°, 30%, 47%
HSV	6°, 46%, 62%
XYZ	19.2459, 15.2904, 10.3245
YIQ	109.9360, 41.5830, 11.8150

Conversions

Conversions Part 2

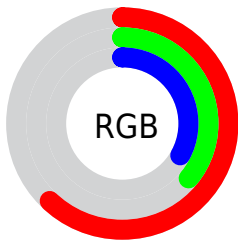
Format	Color
R_{YB}	157, 92, 84
Decimal	10312532
CIE _{Lab}	46.03, 26.24, 15.75
CIE _{LCh}	46, 30.603, 30.966
Yxy	15.2904, 0.4290, 0.3408
Android (android.graphics.Color)	4288502612 (0xFF9D5B54)
YUV	109.9360, -12.7864, 41.2751
Hunter-Lab	39.1029, 19.4250, 11.7175

Details

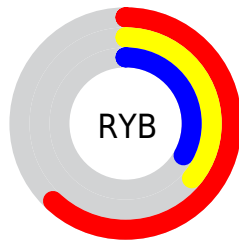
The XYZ color **19.2459, 15.2904, 10.3245** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.6476, 26.1303, 35.8534**, and the grayscale version is **14.8302, 15.6026, 16.9912**.

A 20% lighter version of the original color is **41.7076, 35.3634, 27.1818**, and **6.8236, 4.7578, 2.4782** is the 20% darker color. If you saturate the color by 10%, you get **17.5978, 12.8705, 7.0739**, and if you desaturate by 10%, it is **21.2621, 18.2260, 14.3781**.

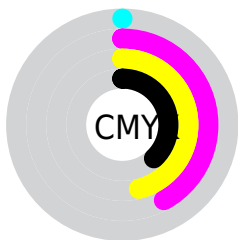
Distribution



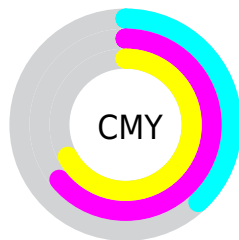
- Red (62%)
- Green (36%)
- Blue (33%)



- Red (62%)
- Yellow (36%)
- Blue (33%)



- Cyan (0%)
- Magenta (42%)
- Yellow (46%)
- Black (38%)



- Cyan (38%)
- Magenta (64%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2459, 15.2904, 10.3245 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 19.2459, 15.2904, 10.3245 by changing the saturation by 10% instead.

■ 19.2459, 15.2904,
10.3245

■ 19.2459, 15.2904,
10.3245

240.7151,
225.1173, 203.5409

■ 11.9532, 9.0234,
5.5062

■ 41.6629, 35.3618,
27.0214

■ 6.7838, 4.7565,
2.4834

■ 57.5178, 49.9351,
39.7371

■ 3.3724, 2.1051,
0.8313

■ 76.9575, 68.0459,
55.9223

■ 1.3536, 0.6675,
0.0000

■ 100.3473, 90.0787,
75.9957

■ 0.2228, 0.0000,
0.0000

■ 128.0527,
116.4178, 100.3757

■ 0.0000, 0.0000,
0.0000

160.4388,

147.4477, 129.4809

197.8712,
183.5527, 163.7297

■ 19.2459, 15.2904,
10.3245

■ 19.2459, 15.2904,
10.3245

■ 17.5978, 12.8705,
7.0739

■ 21.2621, 18.2260,
14.3781

■ 16.2944, 10.9343,
4.5720

■ 23.6657, 21.7023,
19.2825

■ 15.3113, 9.4498,
2.7591


■ 26.4760, 25.7453,
25.0824


■ 14.6204, 8.3802,
1.5662


■ 29.7106, 30.3790,
31.8196


■ 14.1855, 7.6817,
0.8930


■ 33.3862, 35.6256,
39.5330

 14.0762, 7.5115,
0.7080

 37.5185, 41.5064,
48.2592

 42.1224, 48.0416,
58.0332

 47.2123, 55.2505,
68.8881

 52.8017, 63.1518,
80.8557

Harmonies

Analogous

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



20.1156, 15.2904, 16.4088



19.2459, 15.2904, 10.3245



17.0921, 15.2904, 7.0183

Triad

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



19.2459, 15.2904, 10.3245



10.5919, 15.2904, 10.6310



14.6174, 15.2904, 35.4172

Complementary

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



19.2459, 15.2904, 10.3245



20.6476, 26.1303, 35.8534

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.



12.2432, 15.2904, 32.5318



19.2459, 15.2904, 10.3245



10.0926, 15.2904, 16.8908

Square

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



19.2459, 15.2904, 10.3245



12.1136, 15.2904, 7.1546



10.6602, 15.2904, 25.1382



17.2550, 15.2904, 32.1566

Rectangle

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



19.2459, 15.2904, 10.3245



15.3308, 15.2904, 6.1470



10.6602, 15.2904, 25.1382



13.7635, 15.2904, 35.1281

Sweetspot

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



19.2463, 15.2912, 10.3248



48.6393, 47.8624, 47.4592



22.6540, 15.7405, 31.0867



10.4594, 10.1827, 9.9379



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.



19.2463, 15.2912, 10.3248



31.3638, 22.8248, 12.3720



23.0404, 22.8795, 11.5895



6.6817, 6.7435, 6.9351



11.4461, 6.1279, 0.5795



0.2179, 0.1360, 0.0148

Inverse Universe

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



20.6476, 26.1303, 35.8534



34.1708, 44.6784, 63.9495



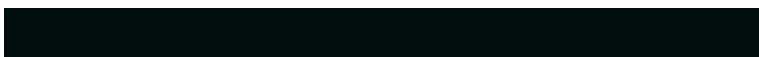
15.8064, 16.4481, 34.2397



6.7674, 7.4006, 8.4785



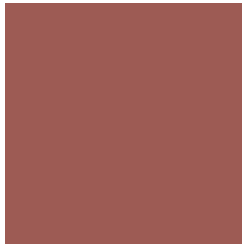
12.8060, 17.7036, 28.6494



0.2432, 0.3449, 0.5170

Previews

White Background



This preview shows how the XYZ color 19.2459, 15.2904, 10.3245 looks on a white background.

Color Contrast Check

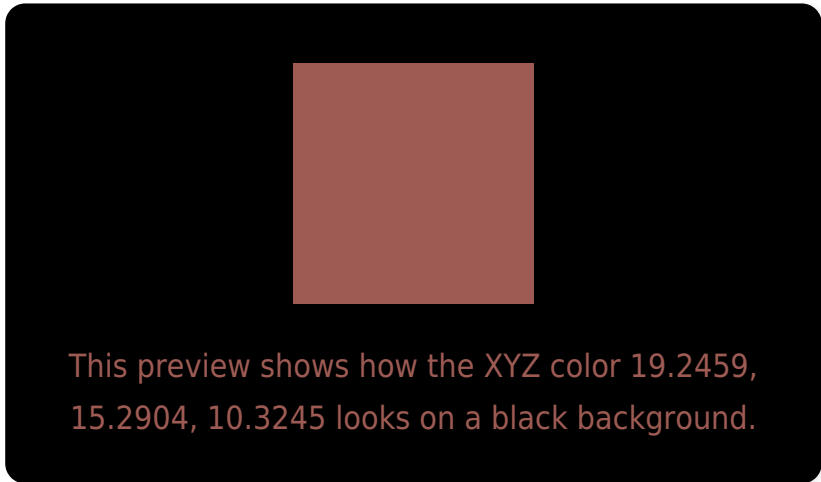
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2459, 15.2904, 10.3245

Background



This preview shows how black text looks on a background with the XYZ color 19.2459, 15.2904, 10.3245.



This preview shows how white text looks on a background with the XYZ color 19.2459, 15.2904,

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

19.2459, 15.2904, 10.3245

Protanopia

14.5147, 15.3724, 12.5581

Deuteranopia

15.5900, 15.3644, 9.9285



Tritanopia

19.7842, 15.2584, 12.9687

Trichromacy



Original Color

19.2459, 15.2904, 10.3245

Protanomaly

15.8028, 14.9868, 11.7327

Deuteranomaly

16.7276, 15.2125, 10.0373

Tritanomaly

19.6885, 15.3541, 12.0512

Monochromacy



Original Color

19.2459, 15.2904, 10.3245

Achromatopsia

14.8208, 15.5926, 16.9804

Achromatomaly

15.9516, 15.1521, 14.3958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.2459, 15.2904, 10.3245 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, 91, 84)` looks like.

```
.text, #text, p{  
  color:rgb(157, 91, 84)  
}
```

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, 91, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 91, 84) }
```

Border

The CSS property to change the border of an element to XYZ 19.2459, 15.2904, 10.3245 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, 91, 84) }
```


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

```
.border{ border-color:rgb(157, 91, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 91, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 91, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 91, 84);  
box-shadow:4px 4px 4px 4px rgb(157, 91,  
84) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2459, 15.2904, 10.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 91, 84) }
```

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

```
.background{ background-color: rgb(157, 91,  
84) }
```

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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