

Converting Colors

XYZ(19.3249, 18.4574, 11.6062)

Have a look what the booklet for
XYZ(19.3249, 18.4574, 11.6062)
contains.

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Color

**XYZ(19.3025, 18.5181,
11.5738)**

Conversions

Conversions Part 1

Format	Color
Hex	917157
RGB	145, 113, 87
RGB Percent	57%, 44%, 34%
CMY	0.4314, 0.5568, 0.6588
CMYK	0.00, 0.22, 0.40, 0.43
HSL	27°, 25%, 45%
HSV	27°, 40%, 57%
XYZ	19.3025, 18.5181, 11.5738
YIQ	119.6040, 27.4180, -1.3020

Conversions

Conversions Part 2

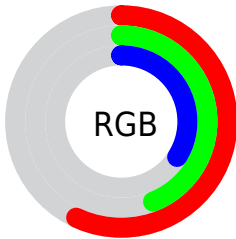
Format	Color
R_{YB}	145, 134, 87
Decimal	9531735
CIE _{Lab}	50.12, 8.90, 19.26
CIE _{LCh}	50, 21.216, 65.188
Yxy	18.5181, 0.3908, 0.3749
Android (android.graphics.Color)	4287721815 (0xFF917157)
YUV	119.6040, -16.0738, 22.2723
Hunter-Lab	43.0327, 4.7598, 14.1766

Details

The XYZ color **19.3025, 18.5181, 11.5738** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **15.6379, 17.2637, 29.2962**, and the grayscale version is **17.7701, 18.6955, 20.3594**.

A 20% lighter version of the original color is **41.7899, 40.9958, 29.3773**, and **6.8047, 6.2678, 2.9490** is the 20% darker color. If you saturate the color by 10%, you get **17.9152, 16.5983, 8.4765**, and if you desaturate by 10%, it is **20.8884, 20.6447, 15.3249**.

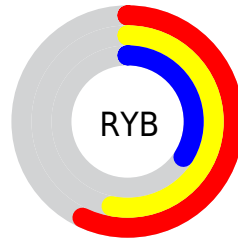
Distribution



Red (57%)

Green (44%)

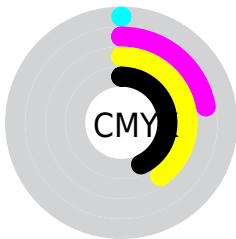
Blue (34%)



Red (57%)

Yellow (53%)

Blue (34%)

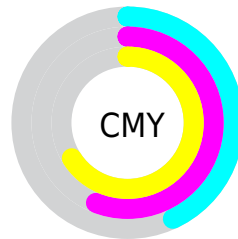


Cyan (0%)

Magenta (22%)

Yellow (40%)

Black (43%)



Cyan (43%)

Magenta (56%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.3025, 18.5181, 11.5738 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 19.3025, 18.5181, 11.5738 by changing the saturation by 10% instead.

■ 19.3025, 18.5181,
11.5738

■ 19.3025, 18.5181,
11.5738

241.0199,
243.7753, 212.4397

■ 11.9944, 11.3226,
6.3352

■ 41.7576, 40.9182,
29.3691

■ 6.8120, 6.2843,
2.9779

■ 57.6352, 56.8916,
42.7630

■ 3.3901, 3.0187,
1.0833

■ 77.1000, 76.5597,
59.7122

■ 1.3633, 1.1415,
0.0000

■ 100.5175,
100.3070, 80.6355

■ 0.2298, 0.0131,
0.0000

■ 128.2528,
128.5178, 105.9514

■ 0.0000, 0.0000,
0.0000

160.6714,

161.5765, 136.0784

198.1386,
199.8675, 171.4350

■ 19.3025, 18.5181,
11.5738

■ 19.3025, 18.5181,
11.5738

■ 17.9152, 16.5983,
8.4765

■ 20.8884, 20.6447,
15.3249

■ 16.7160, 14.8756,
5.9934

■ 22.6801, 22.9818,
19.7639

■ 15.6953, 13.3436,
4.0823

■ 24.6859, 25.5367,
24.9238

■ 14.8418, 11.9943,
2.6953

■ 26.9135, 28.3151,
30.8354

■ 14.1428, 10.8189,
1.7764

■ 29.3699, 31.3228,
37.5273

■ 13.5679, 9.8013,
1.1768

■ 32.0619, 34.5652,
45.0269

■ 13.5678, 9.8012,
1.1767

■ 34.9960, 38.0476,
53.3601

■ 38.1784, 41.7750,
62.5518

■ 41.6151, 45.7523,
72.6256

Harmonies

Analogous

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



21.0128, 18.5181, 14.3468



19.3025, 18.5181, 11.5738



17.2479, 18.5181, 10.9013

Triad

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



19.3025, 18.5181, 11.5738



13.9693, 18.5181, 21.1982



19.9646, 18.5181, 30.8337

Complementary

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



19.3025, 18.5181, 11.5738



15.6379, 17.2637, 29.2962

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.



17.9587, 18.5181, 33.5807



19.3025, 18.5181, 11.5738



14.5799, 18.5181, 27.3708

Square

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



19.3025, 18.5181, 11.5738



14.2687, 18.5181, 15.7983



16.0024, 18.5181, 32.2046



21.4153, 18.5181, 25.2658

Rectangle

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



19.3025, 18.5181, 11.5738



15.9805, 18.5181, 11.5953



16.0024, 18.5181, 32.2046



19.3273, 18.5181, 32.1620

Sweetspot

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



19.3030, 18.5190, 11.5742



43.3661, 44.6680, 42.4395



18.4675, 14.1891, 19.4925



9.5559, 9.8210, 9.2043



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



19.3030, 18.5190, 11.5742



32.3162, 30.0523, 15.6834



22.9420, 25.7971, 12.7872



5.5955, 5.7973, 5.7134



11.6629, 8.4574, 1.0177



0.1330, 0.1238, 0.0169

Inverse Universe

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



15.6379, 17.2637, 29.2962



24.8075, 27.4734, 51.9690



12.7712, 11.5302, 28.3406



5.3607, 5.7172, 6.8497



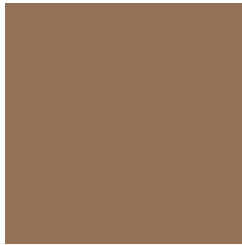
6.8700, 6.7259, 23.9132



0.0877, 0.1084, 0.2360

Previews

White Background



This preview shows how the XYZ color 19.3025, 18.5181, 11.5738 looks on a white 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

Black Background



This preview shows how the XYZ color 19.3025, 18.5181, 11.5738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

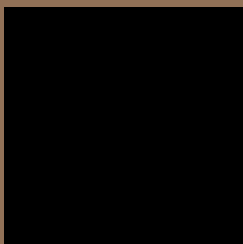
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.3025, 18.5181, 11.5738

Background



This preview shows how black text looks on a background with the XYZ color 19.3025, 18.5181, 11.5738.



This preview shows how white text looks on a background with the XYZ color 19.3025, 18.5181,

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

19.3025, 18.5181, 11.5738

Protanopia

17.3444, 18.5210, 12.3336

Deuteranopia

18.8929, 18.4735, 11.5868



Tritanopia

20.8923, 18.5175, 19.3027

Trichromacy



Original Color

19.3025, 18.5181, 11.5738

Protanomaly

17.9960, 18.5122, 12.0759

Deuteranomaly

19.0653, 18.5624, 11.5949

Tritanomaly

20.2101, 18.3955, 16.1212

Monochromacy



Original Color

19.3025, 18.5181, 11.5738

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.1213, 18.4724, 16.7978

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.3025, 18.5181, 11.5738 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(145, 113, 87)` looks like.

```
.text, #text, p{  
    color:rgb(145, 113, 87)  
}
```

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(145, 113, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 113, 87) }
```

Border

The CSS property to change the border of an element to XYZ 19.3025, 18.5181, 11.5738 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(145, 113, 87) }
```


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

```
.border{ border-color:rgb(145, 113, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 113, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 113, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 113, 87);  
box-shadow:4px 4px 4px 4px rgb(145, 113,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 19.3025, 18.5181, 11.5738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 113, 87) }
```

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

```
.background{ background-color: rgb(145,  
113, 87) }
```

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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