

Converting Colors

XYZ(20.7322, 18.5703, 11.2925)

Have a look what the booklet for
XYZ(20.7322, 18.5703, 11.2925)
contains.

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Color

**XYZ(20.6659, 18.5777,
11.3007)**

Conversions

Conversions Part 1

Format	Color
Hex	9B6D56
RGB	155, 109, 86
RGB Percent	61%, 43%, 34%
CMY	0.3922, 0.5725, 0.6627
CMYK	0.00, 0.30, 0.45, 0.39
HSL	20°, 29%, 47%
HSV	20°, 45%, 61%
XYZ	20.6659, 18.5777, 11.3007
YIQ	120.1320, 34.7990, 2.5990

Conversions

Conversions Part 2

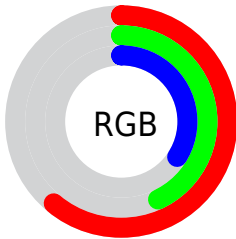
Format	Color
R_{YB}	155, 121, 86
Decimal	10186070
CIE Lab	50.19, 15.36, 20.13
CIE LCh	50, 25.321, 52.655
Yxy	18.5777, 0.4089, 0.3676
Android (android.graphics.Color)	4288376150 (0xFF9B6D56)
YUV	120.1320, -16.8271, 30.5792
Hunter-Lab	43.1019, 10.1565, 14.6263

Details

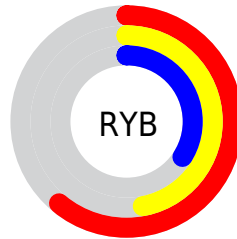
The XYZ color **20.6659, 18.5777, 11.3007** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **18.0050, 20.8466, 34.0851**, and the grayscale version is **17.9396, 18.8738, 20.5536**.

A 20% lighter version of the original color is **44.0528, 41.1162, 28.9069**, and **7.5312, 6.3155, 2.8296** is the 20% darker color. If you saturate the color by 10%, you get **19.0697, 16.2787, 8.0146**, and if you desaturate by 10%, it is **22.5281, 21.1919, 15.3441**.

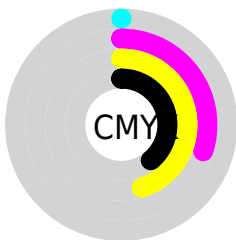
Distribution



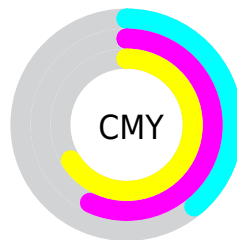
- Red (61%)
- Green (43%)
- Blue (34%)



- Red (61%)
- Yellow (47%)
- Blue (34%)



- Cyan (0%)
- Magenta (30%)
- Yellow (45%)
- Black (39%)



- Cyan (39%)
- Magenta (57%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6659, 18.5777, 11.3007 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 20.6659, 18.5777, 11.3007 by changing the saturation by 10% instead.

■ 20.6659, 18.5777,
11.3007

■ 20.6659, 18.5777,
11.3007

248.2630,
244.1074, 210.5300

■ 12.9911, 11.3655,
6.1528

■ 44.0263, 41.0193,
28.8600

■ 7.4994, 6.3133,
2.8679

■ 60.4426, 57.0175,
42.1084

■ 3.8254, 3.0365,
1.0276

■ 80.5034, 76.7132,
58.8941

■ 1.6038, 1.1508,
0.0000

■ 104.5742,
100.4907, 79.6355

■ 0.3949, 0.0210,
0.0000

■ 133.0201,
128.7345, 104.7513

■ 0.0000, 0.0000,
0.0000

166.2067,

161.8290, 134.6600

204.4992,
200.1585, 169.7800

■ 20.6659, 18.5777,
11.3007

■ 20.6659, 18.5777,
11.3007

■ 19.0697, 16.2787,
8.0146

■ 22.5281, 21.1919,
15.3441

■ 17.7248, 14.2796,
5.4366

■ 24.6672, 24.1303,
20.1874

■ 16.6170, 12.5681,
3.5133

■ 27.0951, 27.4049,
25.8715

■ 15.7299, 11.1294,
2.1833

■ 29.8226, 31.0262,
32.4341

■ 15.0442, 9.9473,
1.3712

■ 32.8601, 35.0043,
39.9106

■ 14.7311, 9.3956,
1.0371

■ 36.2171, 39.3488,
48.3344

■ 39.9029, 44.0689,
57.7373

■ 43.9265, 49.1737,
68.1495

■ 48.2963, 54.6717,
79.6000

Harmonies

Analogous

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



22.3614, 18.5777, 15.4723



20.6659, 18.5777, 11.3007



18.2655, 18.5777, 9.5968

Triad

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



20.6659, 18.5777, 11.3007



13.3930, 18.5777, 18.5548



19.5311, 18.5777, 35.3720

Complementary

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



20.6659, 18.5777, 11.3007



18.0050, 20.8466, 34.0851

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.



17.0632, 18.5777, 36.7367



20.6659, 18.5777, 11.3007



13.6644, 18.5777, 25.8702

Square

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



20.6659, 18.5777, 11.3007



14.1774, 18.5777, 13.1100



14.9563, 18.5777, 32.9317



21.6652, 18.5777, 29.5447

Rectangle

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



20.6659, 18.5777, 11.3007



16.6475, 18.5777, 9.7292



14.9563, 18.5777, 32.9317



18.7077, 18.5777, 36.4153

Sweetspot

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



20.6664, 18.5786, 11.3011



49.1110, 49.8632, 47.7284



21.0103, 15.2902, 23.6738



10.8978, 10.9944, 10.2844



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.



20.6664, 18.5786, 11.3011



34.2791, 29.3394, 14.6071



25.0950, 27.4358, 12.7773



6.3687, 6.5424, 6.5330



11.8642, 7.6109, 0.8437



0.2085, 0.1760, 0.0230

Inverse Universe

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



18.0050, 20.8466, 34.0851



28.8918, 33.8739, 60.5518



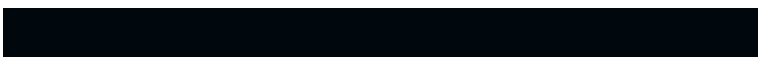
14.0753, 12.9872, 32.7752



6.2110, 6.6793, 7.8909



8.7098, 9.8163, 26.3434



0.1633, 0.2129, 0.4049

Previews

White Background



This preview shows how the XYZ color 20.6659, 18.5777, 11.3007 looks on a white background.

Color Contrast Check

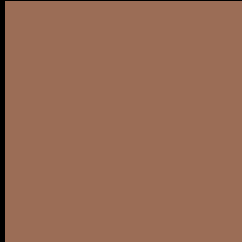
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6659, 18.5777, 11.3007 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 20.6659, 18.5777, 11.3007

Background



This preview shows how black text looks on a background with the XYZ color 20.6659, 18.5777, 11.3007.



This preview shows how white text looks on a background with the XYZ color 20.6659, 18.5777,

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

20.6659, 18.5777, 11.3007

Protanopia

17.5069, 18.7775, 12.5992

Deuteranopia

18.9258, 18.6681, 11.2001



Tritanopia

21.9368, 18.4635, 18.0304

Trichromacy



Original Color

20.6659, 18.5777, 11.3007

Protanomaly

18.5298, 18.6153, 12.0677

Deuteranomaly

19.5774, 18.6692, 11.1660

Tritanomaly

21.3125, 18.3553, 15.2516

Monochromacy



Original Color

20.6659, 18.5777, 11.3007

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

18.6250, 18.5600, 16.7882

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6659, 18.5777, 11.3007 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(155, 109, 86)` looks like.

```
.text, #text, p{  
    color:rgb(155, 109, 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(155, 109, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 109, 86) }
```

Border

The CSS property to change the border of an element to XYZ 20.6659, 18.5777, 11.3007 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(155, 109, 86) }
```


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

```
.border{ border-color:rgb(155, 109, 86) }
```

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

Here you see how a box with a 4 pixel rgb(155, 109, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 109, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 109, 86);  
box-shadow:4px 4px 4px 4px rgb(155, 109,  
86) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6659, 18.5777, 11.3007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 109, 86) }
```

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

```
.background{ background-color: rgb(155,  
109, 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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