

Converting Colors

XYZ(21.7850, 18.8396, 11.0153)

Have a look what the booklet for
XYZ(21.7850, 18.8396, 11.0153)
contains.

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Color

**XYZ(21.7977, 18.8526,
11.0844)**

Conversions

Conversions Part 1

Format	Color
Hex	A26B55
RGB	162, 107, 85
RGB Percent	64%, 42%, 33%
CMY	0.3647, 0.5804, 0.6667
CMYK	0.00, 0.34, 0.48, 0.36
HSL	17°, 31%, 48%
HSV	17°, 48%, 64%
XYZ	21.7977, 18.8526, 11.0844
YIQ	120.9370, 39.8420, 4.8180

Conversions

Conversions Part 2

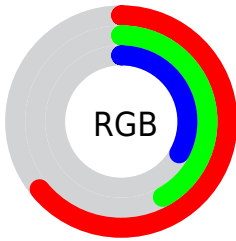
Format	Color
RYB	162, 116, 85
Decimal	10644309
CIELab	50.51, 19.35, 21.29
CIElCh	51, 28.774, 47.736
Yxy	18.8526, 0.4213, 0.3644
Android (android.graphics.Color)	4288834389 (0xFFA26B55)
YUV	120.9370, -17.7169, 36.0123
Hunter-Lab	43.4196, 13.6271, 15.2578

Details

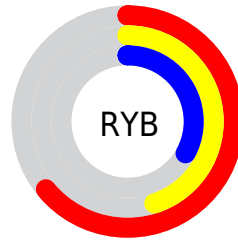
The XYZ color **21.7977, 18.8526, 11.0844** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.6457, 23.2953, 37.6435**, and the grayscale version is **18.2004, 19.1482, 20.8524**.

A 20% lighter version of the original color is **45.9847, 41.6056, 28.5287**, and **8.1145, 6.4626, 2.7392** is the 20% darker color. If you saturate the color by 10%, you get **20.0997, 16.3713, 7.6985**, and if you desaturate by 10%, it is **23.8055, 21.7176, 15.3009**.

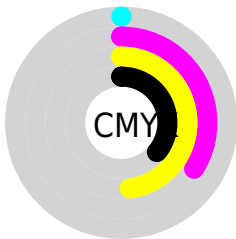
Distribution



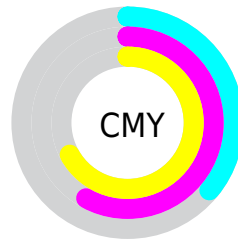
- Red (64%)
- Green (42%)
- Blue (33%)



- Red (64%)
- Yellow (45%)
- Blue (33%)



- Cyan (0%)
- Magenta (34%)
- Yellow (48%)
- Black (36%)



- Cyan (36%)
- Magenta (58%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.7977, 18.8526, 11.0844 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 21.7977, 18.8526, 11.0844 by changing the saturation by 10% instead.

■ 21.7977, 18.8526,
11.0844

■ 21.7977, 18.8526,
11.0844

254.1403,
245.6338, 209.0039

■ 13.8241, 11.5638,
6.0087

■ 45.8928, 41.4849,
28.4552

■ 8.0793, 6.4474,
2.7815

■ 62.7449, 57.5972,
41.5874

■ 4.1980, 3.1190,
0.9842

■ 83.2873, 77.4194,
58.2421

■ 1.8147, 1.1942,
0.0000

■ 107.8853,
101.3360, 78.8381

■ 0.5265, 0.0569,
0.0000

■ 136.9042,
129.7314, 103.7936

■ 0.0000, 0.0000,
0.0000

170.7095,

162.9898, 133.5274

209.6664,
201.4959, 168.4580

■ 21.7977, 18.8526,
11.0844

■ 21.7977, 18.8526,
11.0844

■ 20.0997, 16.3713,
7.6985

■ 23.8055, 21.7176,
15.3009

■ 18.6934, 14.2541,
5.0863

■ 26.1369, 24.9792,
20.3975

■ 17.5612, 12.4838,
3.1854

■ 28.8065, 28.6532,
26.4210

■ 16.6823, 11.0404,
1.9230

■ 31.8276, 32.7536,
33.4148

■ 16.0268, 9.8994,
1.1810

■ 35.2129, 37.2936,
41.4194

■ 15.8888, 9.6583,
1.0268

■ 38.9741, 42.2861,
50.4729

■ 43.1228, 47.7433,
60.6116

■ 47.6697, 53.6769,
71.8698

■ 52.6253, 60.0982,
84.2806

Harmonies

Analogous

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



23.5644, 18.8526, 16.1710



21.7977, 18.8526, 11.0844



19.0894, 18.8526, 8.8280

Triad

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



21.7977, 18.8526, 11.0844



13.1470, 18.8526, 17.4170



19.6131, 18.8526, 39.0412

Complementary

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



21.7977, 18.8526, 11.0844



19.6457, 23.2953, 37.6435

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.



16.7971, 18.8526, 39.6302



21.7977, 18.8526, 11.0844



13.2557, 18.8526, 25.6031

Square

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



21.7977, 18.8526, 11.0844



14.2154, 18.8526, 11.7906



14.5298, 18.8526, 34.2166



22.2154, 18.8526, 32.7710

Rectangle

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



21.7977, 18.8526, 11.0844



17.2024, 18.8526, 8.7078



14.5298, 18.8526, 34.2166



18.6549, 18.8526, 39.9597

Sweetspot

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



21.7982, 18.8535, 11.0848



54.0150, 54.3612, 51.9121



22.8961, 16.0774, 26.7785



11.8853, 11.8739, 11.0931



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



21.7982, 18.8535, 11.0848



36.3343, 29.4905, 13.6769



26.7140, 28.6851, 12.7234



7.2310, 7.4003, 7.4274



12.5504, 7.6747, 0.8199



0.3020, 0.2379, 0.0300

Inverse Universe

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



19.6457, 23.2953, 37.6435



31.9118, 38.4744, 67.8005



14.9884, 13.9808, 36.0911



7.1043, 7.6676, 9.0086



10.0696, 11.9186, 28.6996



0.2487, 0.3247, 0.6154

Previews

White Background



This preview shows how the XYZ color 21.7977, 18.8526, 11.0844 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 21.7977, 18.8526, 11.0844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

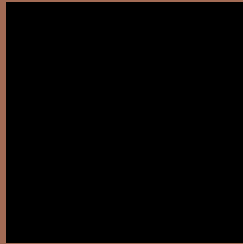
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.7977, 18.8526, 11.0844

Background



This preview shows how black text looks on a background with the XYZ color 21.7977, 18.8526, 11.0844.



This preview shows how white text looks on a background with the XYZ color 21.7977, 18.8526,

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

21.7977, 18.8526, 11.0844

Protanopia

17.6581, 18.8554, 12.6063

Deuteranopia

19.1937, 18.8153, 10.8037



Tritanopia

23.0293, 18.7407, 17.4425

Trichromacy



Original Color

21.7977, 18.8526, 11.0844

Protanomaly

18.9184, 18.6455, 12.0530

Deuteranomaly

20.1569, 18.8077, 10.9554

Tritanomaly

22.4528, 18.6465, 14.9861

Monochromacy



Original Color

21.7977, 18.8526, 11.0844

Achromatopsia

18.1737, 19.1202, 20.8219

Achromatomaly

19.1055, 18.8077, 16.8106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.7977, 18.8526, 11.0844 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(162, 107, 85)` looks like.

```
.text, #text, p{  
    color:rgb(162, 107, 85)  
}
```

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(162, 107, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 107, 85) }
```

Border

The CSS property to change the border of an element to XYZ 21.7977, 18.8526, 11.0844 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(162, 107, 85) }
```


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

```
.border{ border-color:rgb(162, 107, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 107, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 107, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 107, 85);  
box-shadow:4px 4px 4px 4px rgb(162, 107,  
85) }
```

Background

The CSS property to change the background color of an element to XYZ 21.7977, 18.8526, 11.0844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 107, 85) }
```

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

```
.background{ background-color: rgb(162,  
107, 85) }
```

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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