

Converting Colors

XYZ(22.5563, 26.3496, 18.6300)

Have a look what the booklet for
XYZ(22.5563, 26.3496, 18.6300)
contains.

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Color

**XYZ(22.6127, 26.3631,
18.6486)**

Conversions

Conversions Part 1

Format	Color
Hex	85916E
RGB	133, 145, 110
RGB Percent	52%, 57%, 43%
CMY	0.4784, 0.4314, 0.5686
CMYK	0.08, 0.00, 0.24, 0.43
HSL	81°, 14%, 50%
HSV	81°, 24%, 57%
XYZ	22.6127, 26.3631, 18.6486
YIQ	137.4220, 4.0830, -13.4290

Conversions

Conversions Part 2

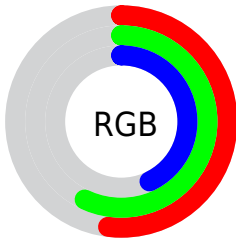
Format	Color
R_{YB}	110, 145, 122
Decimal	8753518
CIE Lab	58.38, -10.78, 17.17
CIE LCh	58, 20.279, 122.130
Yxy	26.3631, 0.3344, 0.3898
Android (android.graphics.Color)	4286943598 (0xFF85916E)
YUV	137.4220, -13.5190, -3.8781
Hunter-Lab	51.3450, -11.2411, 14.4073

Details

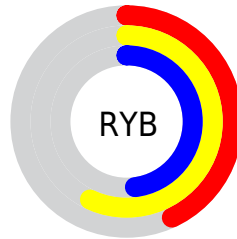
The XYZ color **22.6127, 26.3631, 18.6486** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.7138, 17.3345, 29.1490**, and the grayscale version is **23.9868, 25.2359, 27.4819**.

A 20% lighter version of the original color is **47.1947, 53.8946, 42.0977**, and **8.5290, 10.3712, 6.1097** is the 20% darker color. If you saturate the color by 10%, you get **21.1206, 25.6786, 14.7895**, and if you desaturate by 10%, it is **24.2726, 27.1208, 23.1911**.

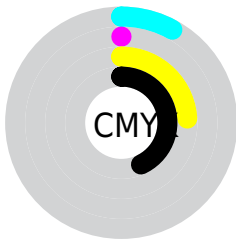
Distribution



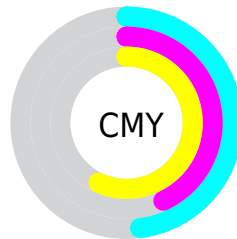
- Red (52%)
- Green (57%)
- Blue (43%)



- Red (43%)
- Yellow (57%)
- Blue (48%)



- Cyan (8%)
- Magenta (0%)
- Yellow (24%)
- Black (43%)



- Cyan (48%)
- Magenta (43%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6127, 26.3631, 18.6486 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 22.6127, 26.3631, 18.6486 by changing the saturation by 10% instead.

■ 22.6127, 26.3631,
18.6486

■ 22.6127, 26.3631,
18.6486

258.3021,
284.5600, 256.8597

■ 14.4269, 17.0955,
11.2424

■ 47.2279, 53.8601,
41.9682

■ 8.5019, 10.3026,
6.1139

■ 64.3881, 72.8583,
58.7187

■ 4.4722, 5.6000,
2.8446

■ 85.2704, 95.8689,
79.4211

■ 1.9726, 2.6034,
1.0158

■ 110.2403,
123.2761, 104.4939

■ 0.6185, 0.9284,
0.0000

139.6630,
155.4644, 134.3556

■ 0.0000, 0.0000,
0.0000

173.9040,

192.8182, 169.4247

213.3286,
235.7220, 210.1199

■ 22.6127, 26.3631,
18.6486

■ 22.6127, 26.3631,
18.6486

■ 21.1206, 25.6786,
14.7895

■ 24.2726, 27.1208,
23.1911

■ 19.7874, 25.0610,
11.5790

■ 26.1045, 27.9508,
28.4460

■ 18.6066, 24.5085,
8.9819

■ 28.1152, 28.8567,
34.4430

■ 17.5700, 24.0178,
6.9587

■ 30.3103, 29.8408,
41.2094

■ 16.6688, 23.5854,
5.4656

■ 32.6952, 30.9053,
48.7711

■ 15.8930, 23.2071,
4.4523

■ 35.2750, 32.0524,
57.1529

■ 15.2303, 22.8779,
3.8572

■ 38.0547, 33.2841,
66.3784

■ 14.8742, 22.6997,
3.5975

■ 41.0391, 34.6023,
76.4704

■ 44.2327, 36.0090,
87.4506

Harmonies

Analogous

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



24.8810, 26.3631, 17.1342



22.6127, 26.3631, 18.6486



21.0848, 26.3631, 22.7983

Triad

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



22.6127, 26.3631, 18.6486



22.8997, 26.3631, 42.5037



30.1154, 26.3631, 28.2018

Complementary

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



22.6127, 26.3631, 18.6486



18.7138, 17.3345, 29.1490

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.



29.4999, 26.3631, 35.5527



22.6127, 26.3631, 18.6486



25.2345, 26.3631, 44.5762

Square

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



22.6127, 26.3631, 18.6486



21.2427, 26.3631, 36.5732



27.6721, 26.3631, 41.8497



29.3034, 26.3631, 22.0548

Rectangle

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



22.6127, 26.3631, 18.6486



20.6363, 26.3631, 26.8804



27.6721, 26.3631, 41.8497



30.0685, 26.3631, 30.6102

Sweetspot

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



22.6134, 26.3643, 18.6492



45.7273, 49.5921, 47.9729



21.4111, 20.9837, 17.6740



10.1360, 11.0157, 10.5665



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.



22.6134, 26.3643, 18.6492



38.9979, 46.5255, 29.4708



20.1210, 25.0794, 18.5325



5.6624, 6.1941, 5.7865



12.7859, 19.4840, 3.0869



0.1460, 0.1985, 0.0306

Inverse Universe

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



18.7138, 17.3345, 29.1490



30.7631, 27.4523, 51.6510



21.3630, 18.7002, 29.2730



5.2931, 5.3393, 6.7804



5.5261, 2.3424, 23.1380



0.0747, 0.0337, 0.2222

Previews

White Background



This preview shows how the XYZ color 22.6127, 26.3631, 18.6486 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 22.6127, 26.3631, 18.6486 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 22.6127, 26.3631, 18.6486

Background



This preview shows how black text looks on a background with the XYZ color 22.6127, 26.3631, 18.6486.



This preview shows how white text looks on a background with the XYZ color 22.6127, 26.3631,

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

22.6127, 26.3631, 18.6486

Protanopia

24.6625, 26.3229, 17.9683

Deuteranopia

26.6929, 26.2843, 18.9958



Tritanopia

25.6115, 26.4795, 33.0393

Trichromacy



Original Color

22.6127, 26.3631, 18.6486

Protanomaly

23.9349, 26.3794, 18.2982

Deuteranomaly

25.0508, 26.2883, 18.7928

Tritanomaly

24.4335, 26.4419, 27.1086

Monochromacy



Original Color

22.6127, 26.3631, 18.6486

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.3622, 25.5227, 23.7737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6127, 26.3631, 18.6486 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(133, 145, 110)` looks like.

```
.text, #text, p{  
    color:rgb(133, 145, 110)  
}
```

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(133, 145, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 145, 110) }
```

Border

The CSS property to change the border of an element to XYZ 22.6127, 26.3631, 18.6486 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(133, 145, 110) }
```


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

```
.border{ border-color:rgb(133, 145, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 145, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 145, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 145, 110);  
box-shadow:4px 4px 4px 4px rgb(133, 145,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6127, 26.3631, 18.6486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 145, 110) }
```

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

```
.background{ background-color: rgb(133,  
145, 110) }
```

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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