

Converting Colors

XYZ(20.8878, 26.1581, 17.8856)

Have a look what the booklet for
XYZ(20.8878, 26.1581, 17.8856)
contains.

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Color

**XYZ(20.8515, 26.1633,
17.8609)**

Conversions

Conversions Part 1

Format	Color
Hex	77946B
RGB	119, 148, 107
RGB Percent	47%, 58%, 42%
CMY	0.5333, 0.4196, 0.5804
CMYK	0.20, 0.00, 0.28, 0.42
HSL	102°, 16%, 50%
HSV	102°, 28%, 58%
XYZ	20.8515, 26.1633, 17.8609
YIQ	134.6550, -4.1230, -18.8990

Conversions

Conversions Part 2

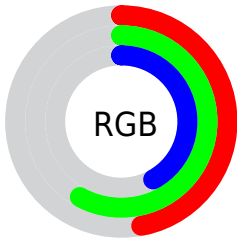
Format	Color
R_{YB}	107, 148, 136
Decimal	7836779
CIE _{Lab}	58.19, -18.23, 18.43
CIE _{LCh}	58, 25.929, 134.688
Yxy	26.1633, 0.3214, 0.4033
Android (android.graphics.Color)	4286026859 (0xFF77946B)
YUV	134.6550, -13.6339, -13.7294
Hunter-Lab	51.1501, -16.7465, 15.1018

Details

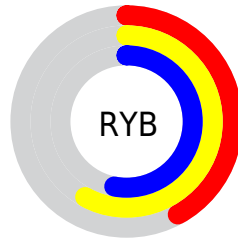
The XYZ color **20.8515, 26.1633, 17.8609** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.7574, 17.8885, 30.3772**, and the grayscale version is **22.9519, 24.1472, 26.2963**.

A 20% lighter version of the original color is **44.3918, 53.5149, 40.7906**, and **7.5899, 10.1672, 5.7001** is the 20% darker color. If you saturate the color by 10%, you get **18.7802, 25.1787, 14.0415**, and if you desaturate by 10%, it is **23.2158, 27.2851, 22.3909**.

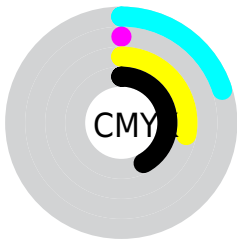
Distribution



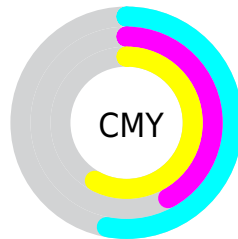
- Red (47%)
- Green (58%)
- Blue (42%)



- Red (42%)
- Yellow (58%)
- Blue (53%)



- Cyan (20%)
- Magenta (0%)
- Yellow (28%)
- Black (42%)



- Cyan (53%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.8515, 26.1633, 17.8609 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 20.8515, 26.1633, 17.8609 by changing the saturation by 10% instead.

■ 20.8515, 26.1633,
17.8609

■ 20.8515, 26.1633,
17.8609

249.2349,
283.5828, 252.2956

■ 13.1273, 16.9458,
10.6818

■ 44.3334, 53.5383,
40.6109

■ 7.5939, 10.1959,
5.7418

■ 60.8218, 72.4646,
57.0188

■ 3.8858, 5.5290,
2.6225

■ 80.9624, 95.3960,
77.3401

■ 1.6377, 2.5609,
0.9040

■ 105.1205,
122.7168, 101.9933

■ 0.4168, 0.9070,
0.0000

133.6615,
154.8115, 131.3968

■ 0.0000, 0.0000,
0.0000

166.9506,

192.0645, 165.9694

205.3533,
234.8601, 206.1295

■ 20.8515, 26.1633,
17.8609

■ 20.8515, 26.1633,
17.8609

■ 18.7802, 25.1787,
14.0415

■ 23.2158, 27.2851,
22.3909

■ 16.9879, 24.3225,
10.8949

■ 25.8822, 28.5457,
27.6632

■ 15.4626, 23.5902,
8.3827

■ 28.8619, 29.9511,
33.7097

■ 14.1905, 22.9756,
6.4615

■ 32.1651, 31.5057,
40.5598

■ 13.1561, 22.4718,
5.0829

■ 35.8012, 33.2140,
48.2417

■ 12.3426, 22.0714,
4.1905

■ 39.7795, 35.0800,
56.7817

■ 11.7231, 21.7626,
3.6803

■ 44.1088, 37.1077,
66.2055

■ 11.5999, 21.7013,
3.5774

■ 48.7975, 39.3010,
76.5374

■ 53.8539, 41.6636,
87.8008

Harmonies

Analogous

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



23.3650, 26.1633, 14.8010



20.8515, 26.1633, 17.8609



19.4776, 26.1633, 24.1532

Triad

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



20.8515, 26.1633, 17.8609



23.3040, 26.1633, 48.6757



31.1896, 26.1633, 24.3167

Complementary

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



20.8515, 26.1633, 17.8609



20.7574, 17.8885, 30.3772

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.



31.1698, 26.1633, 33.3113



20.8515, 26.1633, 17.8609



26.4329, 26.1633, 48.7454

Square

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



20.8515, 26.1633, 17.8609



20.8101, 26.1633, 42.4894



29.3685, 26.1633, 42.6637



29.4205, 26.1633, 17.9587

Rectangle

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



20.8515, 26.1633, 17.8609



19.3128, 26.1633, 29.9269



29.3685, 26.1633, 42.6637



31.3964, 26.1633, 27.0948

Sweetspot

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



20.8522, 26.1644, 17.8615



45.4390, 50.2580, 48.3542



23.6296, 24.8825, 17.4676



10.2153, 11.3984, 10.7236



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



20.8522, 26.1644, 17.8615



34.5531, 45.0997, 27.3535



19.7601, 25.5492, 20.1706



5.8796, 6.5458, 6.1940



9.9322, 18.5481, 3.0567



0.1481, 0.2407, 0.0387

Inverse Universe

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



20.7574, 17.8885, 30.3772



34.3536, 28.1060, 53.0490



22.1903, 18.6995, 27.1747



5.8717, 5.8248, 7.2846



9.5384, 4.3898, 24.2756



0.1462, 0.0689, 0.2985

Previews

White Background



This preview shows how the XYZ color 20.8515, 26.1633, 17.8609 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 20.8515, 26.1633, 17.8609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

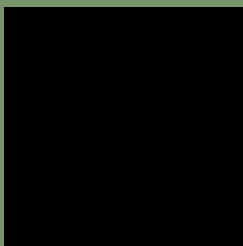
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

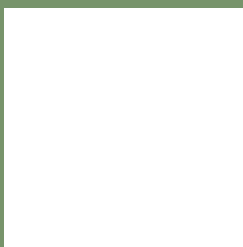
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.8515, 26.1633, 17.8609

Background



This preview shows how black text looks on a background with the XYZ color 20.8515, 26.1633, 17.8609.



This preview shows how white text looks on a background with the XYZ color 20.8515, 26.1633,

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

20.8515, 26.1633, 17.8609

Protanopia

24.2585, 25.9285, 16.5581

Deuteranopia

26.4438, 25.9625, 18.3694



Tritanopia

24.0270, 26.0815, 33.9049

Trichromacy



Original Color

20.8515, 26.1633, 17.8609

Protanomaly

22.8192, 25.8344, 16.8806

Deuteranomaly

24.0256, 25.7724, 18.1763

Tritanomaly

22.5856, 25.9350, 27.1081

Monochromacy



Original Color

20.8515, 26.1633, 17.8609

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.1330, 24.9040, 23.0424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.8515, 26.1633, 17.8609 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(119, 148, 107)` looks like.

```
.text, #text, p{  
    color:rgb(119, 148, 107)  
}
```

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(119, 148, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 148, 107) }
```

Border

The CSS property to change the border of an element to XYZ 20.8515, 26.1633, 17.8609 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(119, 148, 107) }
```


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

```
.border{ border-color:rgb(119, 148, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 148, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 148, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 148, 107);  
box-shadow:4px 4px 4px 4px rgb(119, 148,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 20.8515, 26.1633, 17.8609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 148, 107) }
```

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

```
.background{ background-color: rgb(119,  
148, 107) }
```

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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