

Converting Colors

XYZ(17.7662, 26.3255, 14.7346)

Have a look what the booklet for
XYZ(17.7662, 26.3255, 14.7346)
contains.

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Color

**XYZ(17.7662, 26.3255,
14.7346)**

Conversions

Conversions Part 1

Format	Color
Hex	589B5E
RGB	88, 155, 94
RGB Percent	35%, 61%, 37%
CMY	0.6549, 0.3921, 0.6314
CMYK	0.43, 0.00, 0.39, 0.39
HSL	125°, 28%, 48%
HSV	125°, 43%, 61%
XYZ	17.7662, 26.3255, 14.7346
YIQ	128.0130, -20.3510, -33.1750

Conversions

Conversions Part 2

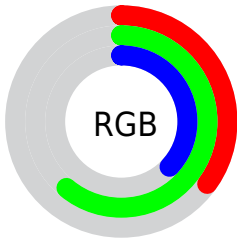
Format	Color
R_{YB}	88, 149, 155
Decimal	5806942
CIE _{Lab}	58.34, -34.57, 25.50
CIE _{LCh}	58, 42.956, 143.585
Yxy	26.3255, 0.3020, 0.4475
Android (android.graphics.Color)	4283997022 (0xFF589B5E)
YUV	128.0130, -16.7684, -35.0914
Hunter-Lab	51.3084, -27.9817, 18.8891

Details

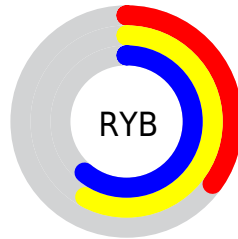
The XYZ color **17.7662, 26.3255, 14.7346** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.4329, 16.1184, 30.3635**, and the grayscale version is **20.5842, 21.6562, 23.5836**.

A 20% lighter version of the original color is **39.1419, 53.8002, 35.1096**, and **6.0565, 10.2631, 4.3511** is the 20% darker color. If you saturate the color by 10%, you get **15.8757, 25.4183, 11.6375**, and if you desaturate by 10%, it is **20.0858, 27.4421, 18.4573**.

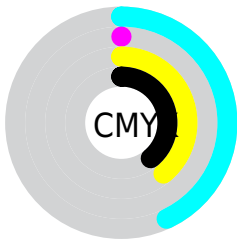
Distribution



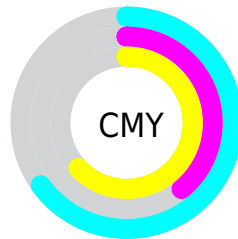
- Red (35%)
- Green (61%)
- Blue (37%)



- Red (35%)
- Yellow (58%)
- Blue (61%)



- Cyan (43%)
- Magenta (0%)
- Yellow (39%)
- Black (39%)



- Cyan (65%)
- Magenta (39%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 17.7662, 26.3255, 14.7346 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 17.7662, 26.3255, 14.7346 by changing the saturation by 10% instead.

■ 17.7662, 26.3255,
14.7346

■ 17.7662, 26.3255,
14.7346

232.6211,
284.3763, 233.3393

■ 10.8809, 17.0673,
8.4888

■ 39.1717, 53.7996,
35.1226

■ 6.0535, 10.2825,
4.3170

■ 54.4227, 72.7843,
50.1019

■ 2.9186, 5.5867,
1.8008

■ 73.1930, 95.7799,
68.8294

■ 1.1109, 2.5954,
0.4285

■ 95.8479, 123.1709,
91.7237

■ 0.0342, 0.9244,
0.0000

122.7528,
155.3417, 119.2033

■ 0.0000, 0.0000,
0.0000

154.2731,

192.6765, 151.6867

190.7740,
235.5600, 189.5926

■ 17.7662, 26.3255,
14.7346

■ 17.7662, 26.3255,
14.7346

■ 15.8757, 25.4183,
11.6375

■ 20.0858, 27.4421,
18.4573

■ 14.3860, 24.7043,
9.1301

■ 22.8566, 28.7765,
22.8355

■ 13.2687, 24.1704,
7.1755


■ 26.1015, 30.3405,
27.8992


■ 12.4905, 23.8004,
5.7318


■ 29.8412, 32.1444,
33.6762


■ 12.0124, 23.5751,
4.7513


■ 34.0953, 34.1977,
40.1924

 11.8003, 23.4751,
4.3205

 38.8822, 36.5092,
47.4728

 44.2196, 39.0877,
55.5411

 50.1242, 41.9412,
64.4198

 56.6119, 45.0776,
74.1308

Harmonies

Analogous

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



21.2077, 26.3255, 9.5346



17.7662, 26.3255, 14.7346



16.2952, 26.3255, 25.5633

Triad

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



17.7662, 26.3255, 14.7346



23.9141, 26.3255, 67.8965



35.4226, 26.3255, 18.6107

Complementary

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



17.7662, 26.3255, 14.7346



22.4329, 16.1184, 30.3635

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.



36.4120, 26.3255, 32.0058



17.7662, 26.3255, 14.7346



29.2674, 26.3255, 64.0160

Square

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



17.7662, 26.3255, 14.7346



19.5111, 26.3255, 58.6709



34.0240, 26.3255, 49.3997



31.4828, 26.3255, 11.1653

Rectangle

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



17.7662, 26.3255, 14.7346



16.4599, 26.3255, 35.9797



34.0240, 26.3255, 49.3997



36.1321, 26.3255, 22.4139

Sweetspot

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



17.7669, 26.3266, 14.7352



46.7261, 54.3262, 49.9362



25.9544, 30.5774, 13.7668



10.2858, 12.1565, 10.8515



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.



17.7669, 26.3266, 14.7352



28.4947, 45.5504, 20.9472



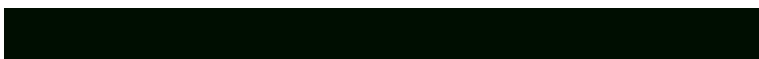
19.5827, 27.0530, 24.2975



6.1535, 6.9341, 6.7318



9.4845, 18.8573, 3.5060



0.1470, 0.2840, 0.0799

Inverse Universe

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



22.4329, 16.1184, 30.3635



37.9772, 24.7821, 52.6905



20.1556, 15.2075, 18.3711



6.4374, 6.3141, 7.6832



14.7332, 7.1475, 20.9180



0.2263, 0.1093, 0.3446

Previews

White Background



This preview shows how the XYZ color 17.7662, 26.3255, 14.7346 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 17.7662, 26.3255, 14.7346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

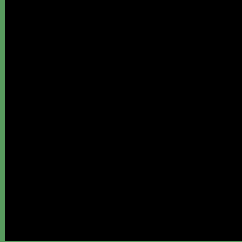
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 17.7662, 26.3255, 14.7346

Background



This preview shows how black text looks on a background with the XYZ color 17.7662, 26.3255, 14.7346.



This preview shows how white text looks on a background with the XYZ color 17.7662, 26.3255,

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

17.7662, 26.3255, 14.7346

Protanopia

24.0884, 26.1361, 13.0077

Deuteranopia

26.5031, 26.0580, 15.4372



Tritanopia

22.1712, 26.1954, 36.6886

Trichromacy



Original Color

17.7662, 26.3255, 14.7346

Protanomaly

21.0241, 25.6561, 13.5169

Deuteranomaly

22.3119, 25.6123, 15.0770

Tritanomaly

20.2093, 26.1033, 26.8950

Monochromacy



Original Color

17.7662, 26.3255, 14.7346

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

19.0509, 22.9486, 19.9484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 17.7662, 26.3255, 14.7346 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(88, 155, 94)` looks like.

```
.text, #text, p{  
    color:rgb(88, 155, 94)  
}
```

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(88, 155, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 155, 94) }
```

Border

The CSS property to change the border of an element to XYZ 17.7662, 26.3255, 14.7346 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(88, 155, 94) }
```


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

```
.border{ border-color:rgb(88, 155, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 155, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 155, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 155, 94);  
box-shadow:4px 4px 4px 4px rgb(88, 155,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 17.7662, 26.3255, 14.7346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 155, 94) }
```

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

```
.background{ background-color: rgb(88, 155,  
94) }
```

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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