

Converting Colors

XYZ(19.7743, 26.2218, 19.0625)

Have a look what the booklet for
XYZ(19.7743, 26.2218, 19.0625)
contains.

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Color

**XYZ(19.7615, 26.2842,
19.0707)**

Conversions

Conversions Part 1

Format	Color
Hex	69976F
RGB	105, 151, 111
RGB Percent	41%, 59%, 44%
CMY	0.5882, 0.4078, 0.5647
CMYK	0.30, 0.00, 0.26, 0.41
HSL	128°, 18%, 50%
HSV	128°, 30%, 59%
XYZ	19.7615, 26.2842, 19.0707
YIQ	132.6860, -14.5760, -22.1920

Conversions

Conversions Part 2

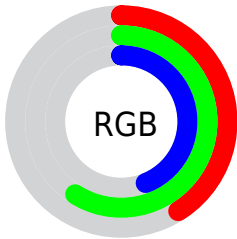
Format	Color
R_{YB}	105, 146, 151
Decimal	6920047
CIE _{Lab}	58.31, -24.08, 16.21
CIE _{LCh}	58, 29.026, 146.043
Yxy	26.2842, 0.3035, 0.4036
Android (android.graphics.Color)	4285110127 (0xFF69976F)
YUV	132.6860, -10.6912, -24.2806
Hunter-Lab	51.2681, -20.9157, 13.8330

Details

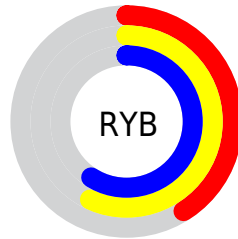
The XYZ color **19.7615, 26.2842, 19.0707** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.9257, 18.7272, 29.1954**, and the grayscale version is **22.2221, 23.3794, 25.4602**.

A 20% lighter version of the original color is **42.3468, 53.4751, 42.7401**, and **7.0853, 10.3140, 6.3200** is the 20% darker color. If you saturate the color by 10%, you get **17.4724, 25.1824, 15.4631**, and if you desaturate by 10%, it is **22.4733, 27.5931, 23.2541**.

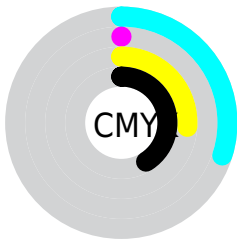
Distribution



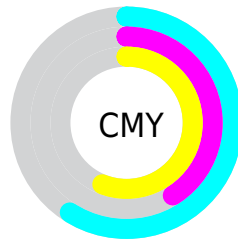
- Red (41%)
- Green (59%)
- Blue (44%)



- Red (41%)
- Yellow (57%)
- Blue (59%)



- Cyan (30%)
- Magenta (0%)
- Yellow (26%)
- Black (41%)



- Cyan (59%)
- Magenta (41%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.7615, 26.2842, 19.0707 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 19.7615, 26.2842, 19.0707 by changing the saturation by 10% instead.

■ 19.7615, 26.2842,
19.0707

■ 19.7615, 26.2842,
19.0707

243.4793,
284.1744, 259.2745

■ 12.3291, 17.0364,
11.5440

■ 42.5240, 53.7331,
42.6918

■ 7.0420, 10.2604,
6.3153

■ 58.5847, 72.7029,
59.6234

■ 3.5349, 5.5720,
2.9658

■ 78.2522, 95.6822,
80.5270

■ 1.4426, 2.5866,
1.0772

■ 101.8919,
123.0554, 105.8211

■ 0.2862, 0.9199,
0.0000

129.8691,
155.2068, 135.9244

■ 0.0000, 0.0000,
0.0000

162.5491,

192.5208, 171.2554

200.2974,
235.3819, 212.2326

■ 19.7615, 26.2842,
19.0707

■ 19.7615, 26.2842,
19.0707

■ 17.4724, 25.1824,
15.4631

■ 22.4733, 27.5931,
23.2541

■ 15.5825, 24.2738,
12.4044

■ 25.6254, 29.1156,
28.0350

■ 14.0695, 23.5484,
9.8681


■ 29.2371, 30.8616,
33.4362


■ 12.9077, 22.9935,
7.8251


■ 33.3257, 32.8399,
39.4790

■ 12.0685, 22.5950,
6.2432


■ 37.9080, 35.0585,
46.1833

 11.5182, 22.3364,
5.0864

 42.9995, 37.5251,
53.5685

 11.1907, 22.1837,
4.3399

 48.6153, 40.2470,
61.6529

 54.7700, 43.2314,
70.4544

 61.4772, 46.4850,
79.9899

Harmonies

Analogous

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



22.1174, 26.2842, 14.4583



19.7615, 26.2842, 19.0707



18.8006, 26.2842, 27.2975

Triad

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



19.7615, 26.2842, 19.0707



24.5165, 26.2842, 52.7412



31.5952, 26.2842, 20.9001

Complementary

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



19.7615, 26.2842, 19.0707



22.9257, 18.7272, 29.1954

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.



32.3893, 26.2842, 29.9825



19.7615, 26.2842, 19.0707



28.0846, 26.2842, 49.8949

Square

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



19.7615, 26.2842, 19.0707



21.3773, 26.2842, 47.9755



31.0502, 26.2842, 40.9174



28.9715, 26.2842, 15.3266

Rectangle

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



19.7615, 26.2842, 19.0707



19.0068, 26.2842, 34.3383



31.0502, 26.2842, 40.9174



32.0949, 26.2842, 23.5729

Sweetspot

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



19.7622, 26.2853, 19.0713



46.6740, 52.5189, 51.3845



25.4065, 29.2320, 17.6679



10.4204, 11.8460, 11.3962



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



19.7622, 26.2853, 19.0713



32.3338, 45.5991, 29.3520



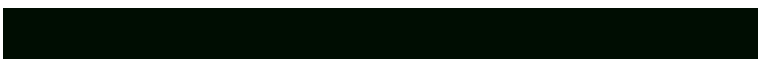
21.1521, 26.8412, 26.3902



6.1633, 6.9381, 6.7836



9.5263, 18.8740, 3.7260



0.1499, 0.2851, 0.0949

Inverse Universe

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



22.9257, 18.7272, 29.1954



38.9823, 29.7055, 50.6216



21.3671, 18.1038, 20.9875



6.4265, 6.3098, 7.6263



14.3674, 7.0012, 18.9917



0.2232, 0.1080, 0.3283

Previews

White Background



This preview shows how the XYZ color 19.7615, 26.2842, 19.0707 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 19.7615, 26.2842, 19.0707 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 19.7615, 26.2842, 19.0707

Background



This preview shows how black text looks on a background with the XYZ color 19.7615, 26.2842, 19.0707.



This preview shows how white text looks on a background with the XYZ color 19.7615, 26.2842,

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

19.7615, 26.2842, 19.0707

Protanopia

24.2286, 25.8954, 17.3570

Deuteranopia

26.5199, 25.9694, 19.8345



Tritanopia

23.1506, 26.2625, 35.7473

Trichromacy



Original Color

19.7615, 26.2842, 19.0707

Protanomaly

22.2021, 25.7142, 17.9805

Deuteranomaly

23.3999, 25.6338, 19.6341

Tritanomaly

21.7229, 26.1404, 28.7116

Monochromacy



Original Color

19.7615, 26.2842, 19.0707

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

21.2481, 24.4478, 23.0010

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.7615, 26.2842, 19.0707 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(105, 151, 111)` looks like.

```
.text, #text, p{  
    color:rgb(105, 151, 111)  
}
```

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(105, 151, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 151, 111) }
```

Border

The CSS property to change the border of an element to XYZ 19.7615, 26.2842, 19.0707 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(105, 151, 111) }
```


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

```
.border{ border-color:rgb(105, 151, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 151, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 151, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 151, 111);  
box-shadow:4px 4px 4px 4px rgb(105, 151,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 19.7615, 26.2842, 19.0707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 151, 111) }
```

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

```
.background{ background-color: rgb(105,  
151, 111) }
```

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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