

Converting Colors

XYZ(20.9793, 26.9416, 14.4497)

Have a look what the booklet for
XYZ(20.9793, 26.9416, 14.4497)
contains.

XYZ(21.0684, 27.0611, 14.4688)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.0684, 27.0611,
14.4688)**

Conversions

Conversions Part 1

Format	Color
Hex	7A975D
RGB	122, 151, 93
RGB Percent	48%, 59%, 36%
CMY	0.5216, 0.4078, 0.6353
CMYK	0.19, 0.00, 0.38, 0.41
HSL	90°, 24%, 48%
HSV	90°, 38%, 59%
XYZ	21.0684, 27.0611, 14.4688
YIQ	135.7170, 1.3340, -24.1860

Conversions

Conversions Part 2

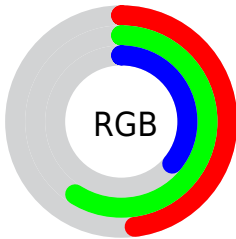
Format	Color
R_{YB}	93, 151, 122
Decimal	8034141
CIE _{Lab}	59.03, -20.81, 27.30
CIE _{LCh}	59, 34.330, 127.313
Yxy	27.0611, 0.3366, 0.4323
Android (android.graphics.Color)	4286224221 (0xFF7A975D)
YUV	135.7170, -21.0595, -12.0298
Hunter-Lab	52.0203, -18.7424, 19.9234

Details

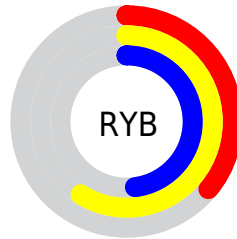
The XYZ color **21.0684, 27.0611, 14.4688** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **17.5275, 14.2014, 31.0970**, and the grayscale version is **23.3724, 24.5895, 26.7780**.

A 20% lighter version of the original color is **44.5446, 54.7902, 34.6134**, and **7.7228, 10.6893, 4.2410** is the 20% darker color. If you saturate the color by 10%, you get **19.4368, 26.2906, 11.2393**, and if you desaturate by 10%, it is **22.9166, 27.9296, 18.3990**.

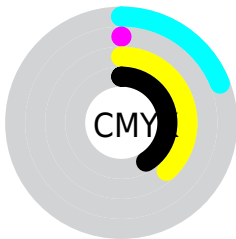
Distribution



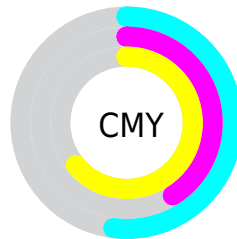
- Red (48%)
- Green (59%)
- Blue (36%)



- Red (36%)
- Yellow (59%)
- Blue (48%)



- Cyan (19%)
- Magenta (0%)
- Yellow (38%)
- Black (41%)



- Cyan (52%)
- Magenta (41%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0684, 27.0611, 14.4688 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 21.0684, 27.0611, 14.4688 by changing the saturation by 10% instead.

■ 21.0684, 27.0611,
14.4688

■ 21.0684, 27.0611,
14.4688

250.3666,
287.9528, 231.6570

■ 13.2868, 17.6191,
8.3050

■ 44.6918, 54.9819,
34.6476

■ 7.7047, 10.6769,
4.2002

■ 61.2642, 74.2295,
49.4996

■ 3.9568, 5.8500,
1.7358

■ 81.4976, 97.5144,
68.0848

■ 1.6777, 2.7541,
0.3851

■ 105.7573,
125.2211, 90.8217

■ 0.4423, 1.0047,
0.0000

134.4087,
157.7339, 118.1288

■ 0.0000, 0.0000,
0.0000

167.8172,

195.4371, 150.4247

206.3480,
238.7153, 188.1280

■ 21.0684, 27.0611,
14.4688

■ 21.0684, 27.0611,
14.4688

■ 19.4368, 26.2906,
11.2393

■ 22.9166, 27.9296,
18.3990

■ 18.0100, 25.6105,
8.6676

■ 24.9882, 28.8965,
23.0659

■ 16.7782, 25.0176,
6.7086

■ 27.2925, 29.9663,
28.5054

■ 15.7295, 24.5068,
5.3109

■ 29.8373, 31.1427,
34.7504

■ 14.8505, 24.0726,
4.4148

■ 32.6302, 32.4286,
41.8317

■ 14.1163, 23.7047,
3.9004

■ 35.6783, 33.8272,
49.7788

■ 14.0077, 23.6503,
3.8267

■ 38.9885, 35.3414,
58.6195

■ 42.5674, 36.9741,
68.3806

■ 46.4214, 38.7279,
79.0876

Harmonies

Analogous

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



24.6922, 27.0611, 11.7849



21.0684, 27.0611, 14.4688



18.8797, 27.0611, 21.3118

Triad

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



21.0684, 27.0611, 14.4688



22.6892, 27.0611, 56.8392



34.7303, 27.0611, 26.5788

Complementary

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



21.0684, 27.0611, 14.4688



17.5275, 14.2014, 31.0970

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.



34.0421, 27.0611, 39.4703



21.0684, 27.0611, 14.4688



26.7775, 27.0611, 59.3935

Square

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



21.0684, 27.0611, 14.4688



19.7408, 27.0611, 46.0943



31.0121, 27.0611, 52.3366



32.8007, 27.0611, 17.4103

Rectangle

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



21.0684, 27.0611, 14.4688



18.3759, 27.0611, 28.3788



31.0121, 27.0611, 52.3366



34.8007, 27.0611, 30.5784

Sweetspot

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



21.0691, 27.0623, 14.4694



47.2448, 52.9075, 47.1498



21.6989, 21.2897, 13.3220



10.6278, 11.9740, 10.4556



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.



21.0691, 27.0623, 14.4694



35.2190, 47.2762, 20.9126



17.5574, 25.2519, 14.3050



6.4116, 7.0697, 6.6325



11.9490, 20.1358, 3.2568



0.2205, 0.3226, 0.0507

Inverse Universe

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



17.5275, 14.2014, 31.0970



27.9592, 20.9134, 54.9967



22.2639, 16.6431, 31.3187



6.1640, 6.1704, 7.7951



7.2873, 3.2078, 25.1428



0.1508, 0.0696, 0.3778

Previews

White Background



This preview shows how the XYZ color 21.0684, 27.0611, 14.4688 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 21.0684, 27.0611, 14.4688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

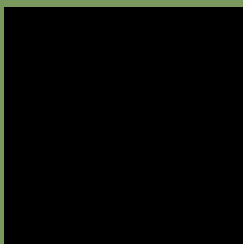
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.0684, 27.0611, 14.4688

Background



This preview shows how black text looks on a background with the XYZ color 21.0684, 27.0611, 14.4688.



This preview shows how white text looks on a background with the XYZ color 21.0684, 27.0611,

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

21.0684, 27.0611, 14.4688

Protanopia

24.8026, 26.9373, 13.3434

Deuteranopia

27.2777, 26.8879, 14.8185



Tritanopia

25.2497, 27.1384, 34.9178

Trichromacy



Original Color

21.0684, 27.0611, 14.4688

Protanomaly

23.1262, 26.7398, 13.6153

Deuteranomaly

24.5393, 26.5514, 14.6580

Tritanomaly

23.5007, 27.1226, 25.8264

Monochromacy



Original Color

21.0684, 27.0611, 14.4688

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.2751, 25.2311, 21.4654

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0684, 27.0611, 14.4688 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(122, 151, 93)` looks like.

```
.text, #text, p{  
    color:rgb(122, 151, 93)  
}
```

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(122, 151, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 151, 93) }
```

Border

The CSS property to change the border of an element to XYZ 21.0684, 27.0611, 14.4688 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(122, 151, 93) }
```


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

```
.border{ border-color:rgb(122, 151, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 151, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 151, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 151, 93);  
box-shadow:4px 4px 4px 4px rgb(122, 151,  
93) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0684, 27.0611, 14.4688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 151, 93) }
```

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

```
.background{ background-color: rgb(122,  
151, 93) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor