

Converting Colors

XYZ(21.8827, 27.6809, 27.3360)

Have a look what the booklet for
XYZ(21.8827, 27.6809, 27.3360)
contains.

XYZ(21.8986, 27.6858, 27.4823)	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(21.8986, 27.6858,
27.4823)**

Conversions

Conversions Part 1

Format	Color
Hex	6B9988
RGB	107, 153, 136
RGB Percent	42%, 60%, 53%
CMY	0.5804, 0.4000, 0.4667
CMYK	0.30, 0.00, 0.11, 0.40
HSL	158°, 18%, 51%
HSV	158°, 30%, 60%
XYZ	21.8986, 27.6858, 27.4823
YIQ	137.3080, -21.9590, -15.0390

Conversions

Conversions Part 2

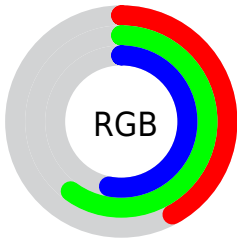
Format	Color
RYB	107, 135, 153
Decimal	7051656
CIELab	59.60, -19.36, 3.96
CIElCh	60, 19.756, 168.446
Yxy	27.6858, 0.2842, 0.3592
Android (android.graphics.Color)	4285241736 (0xFF6B9988)
YUV	137.3080, -0.6448, -26.5801
Hunter-Lab	52.6173, -17.7910, 5.8646

Details

The XYZ color **21.8986, 27.6858, 27.4823** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.0336, 18.7437, 21.5266**, and the grayscale version is **23.9034, 25.1482, 27.3864**.

A 20% lighter version of the original color is **46.2384, 56.2595, 56.5663**, and **8.1184, 11.0445, 10.5080** is the 20% darker color. If you saturate the color by 10%, you get **19.8282, 26.6644, 25.3429**, and if you desaturate by 10%, it is **24.3173, 28.8858, 29.7499**.

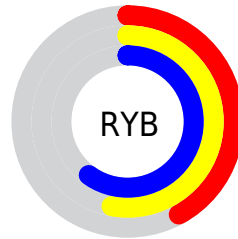
Distribution



Red (42%)

Green (60%)

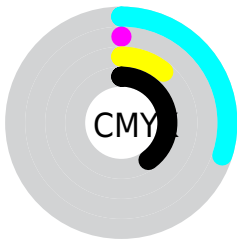
Blue (53%)



Red (42%)

Yellow (53%)

Blue (60%)

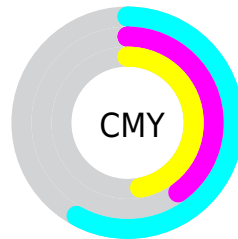


Cyan (30%)

Magenta (0%)

Yellow (11%)

Black (40%)



Cyan (58%)

Magenta (40%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8986, 27.6858, 27.4823 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 21.8986, 27.6858, 27.4823 by changing the saturation by 10% instead.

■ 21.8986, 27.6858,
27.4823

■ 21.8986, 27.6858,
27.4823

254.6586,
290.9625, 303.8185

■ 13.8986, 18.0889,
17.7001

■ 46.0584, 55.9824,
56.6700

■ 8.1314, 11.0139,
10.5677

■ 62.9490, 75.4510,
76.9125

■ 4.2317, 6.0762,
5.6665

■ 83.5338, 98.9789,
101.4790

■ 1.8340, 2.8914,
2.5779

■ 108.1782,
126.9505, 130.7879

■ 0.5380, 1.0753,
0.8810

137.2475,
159.7503, 165.2577

■ 0.0000, 0.0000,
0.0000

171.1071,

197.7626, 205.3071

210.1223,
241.3719, 251.3545

■ 21.8986, 27.6858,
27.4823

■ 21.8986, 27.6858,
27.4823

■ 19.8282, 26.6644,
25.3429

■ 24.3173, 28.8858,
29.7499

■ 18.0862, 25.8092,
23.3273

■ 27.0982, 30.2692,
32.1462

■ 16.6544, 25.1115,
21.4335

■ 30.2572, 31.8450,
34.6742

■ 15.5116, 24.5605,
19.6588

■ 33.8086, 33.6206,
37.3361

■ 14.6341, 24.1439,
18.0002

■ 37.7659, 35.6028,
40.1342

■ 13.9938, 23.8474,
16.4546

■ 42.1420, 37.7983,
43.0704

■ 13.5240, 23.6363,
15.0257

■ 46.9491, 40.2134,
46.1470

■ 52.1991, 42.8541,
49.3659

■ 57.9033, 45.7262,
52.7291

Harmonies

Analogous

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



22.8931, 27.6858, 21.9367



21.8986, 27.6858, 27.4823



22.0306, 27.6858, 34.6932

Triad

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



21.8986, 27.6858, 27.4823



27.8580, 27.6858, 45.1063



29.6185, 27.6858, 21.0075

Complementary

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



21.8986, 27.6858, 27.4823



22.0336, 18.7437, 21.5266

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.



31.1206, 27.6858, 26.0130



21.8986, 27.6858, 27.4823



30.0609, 27.6858, 40.1817

Square

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



21.8986, 27.6858, 27.4823



25.3675, 27.6858, 45.6665



31.2874, 27.6858, 32.9746



27.2848, 27.6858, 18.6118

Rectangle

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



21.8986, 27.6858, 27.4823



22.7414, 27.6858, 39.4958



31.2874, 27.6858, 32.9746



30.2436, 27.6858, 22.4007

Sweetspot

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



21.8994, 27.6869, 27.4829



49.0022, 54.4429, 57.9601



22.4500, 28.1776, 18.1661



10.6617, 11.9425, 12.6669



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.



21.8994, 27.6869, 27.4829



36.6853, 48.3310, 46.6448



22.3466, 26.4917, 34.0739



6.2877, 6.9878, 7.4383



11.1933, 19.5408, 12.5046



0.1848, 0.2991, 0.2788

Inverse Universe

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



22.0336, 18.7437, 21.5266



36.9671, 29.7089, 34.2533



21.6263, 19.5041, 16.5353



6.2985, 6.2586, 6.9519



11.4735, 5.8436, 3.7526



0.1881, 0.0940, 0.1435

Previews

White Background



This preview shows how the XYZ color 21.8986, 27.6858, 27.4823 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 21.8986, 27.6858, 27.4823 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 21.8986, 27.6858, 27.4823

Background



This preview shows how black text looks on a background with the XYZ color 21.8986, 27.6858, 27.4823.



This preview shows how white text looks on a background with the XYZ color 21.8986, 27.6858,

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

21.8986, 27.6858, 27.4823

Protanopia

26.2462, 27.6462, 25.0720

Deuteranopia

27.8492, 27.3101, 28.2297



Tritanopia

23.8626, 27.5128, 37.7710

Trichromacy



Original Color

21.8986, 27.6858, 27.4823

Protanomaly

24.4301, 27.6017, 25.8699

Deuteranomaly

25.0574, 26.9689, 27.9296

Tritanomaly

23.0042, 27.3947, 33.7810

Monochromacy



Original Color

21.8986, 27.6858, 27.4823

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

22.9420, 25.8867, 27.4544

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8986, 27.6858, 27.4823 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(107, 153, 136)` looks like.

```
.text, #text, p{  
    color:rgb(107, 153, 136)  
}
```

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(107, 153, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 153, 136) }
```

Border

The CSS property to change the border of an element to XYZ 21.8986, 27.6858, 27.4823 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(107, 153, 136) }
```


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

```
.border{ border-color:rgb(107, 153, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 153, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 153, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 153, 136);  
box-shadow:4px 4px 4px 4px rgb(107, 153,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8986, 27.6858, 27.4823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 153, 136) }
```

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

```
.background{ background-color: rgb(107,  
153, 136) }
```

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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