

Converting Colors

XYZ(21.7203, 26.4274, 30.4351)

Have a look what the booklet for
XYZ(21.7203, 26.4274, 30.4351)
contains.

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Color

**XYZ(21.6874, 26.3192,
30.3226)**

Conversions

Conversions Part 1

Format	Color
Hex	6B9490
RGB	107, 148, 144
RGB Percent	42%, 58%, 56%
CMY	0.5804, 0.4196, 0.4353
CMYK	0.28, 0.00, 0.03, 0.42
HSL	174°, 16%, 50%
HSV	174°, 28%, 58%
XYZ	21.6874, 26.3192, 30.3226
YIQ	135.2850, -23.1520, -9.9360

Conversions

Conversions Part 2

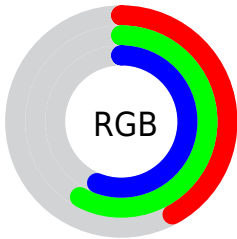
Format	Color
R_{YB}	107, 129, 148
Decimal	7050384
CIE _{Lab}	58.34, -14.89, -2.44
CIE _{LCh}	58, 15.090, 189.292
Yxy	26.3192, 0.2769, 0.3360
Android (android.graphics.Color)	4285240464 (0xFF6B9490)
YUV	135.2850, 4.2965, -24.8059
Hunter-Lab	51.3022, -14.3202, 0.8677

Details

The XYZ color **21.6874, 26.3192, 30.3226** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.3407, 17.9599, 17.4347**, and the grayscale version is **23.1263, 24.3307, 26.4961**.

A 20% lighter version of the original color is **45.8108, 53.7919, 61.3945**, and **8.0400, 10.2571, 12.1457** is the 20% darker color. If you saturate the color by 10%, you get **19.9486, 25.4362, 29.6691**, and if you desaturate by 10%, it is **23.7337, 27.3620, 30.9990**.

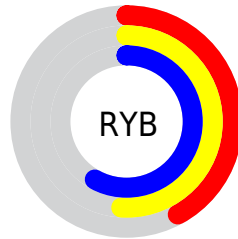
Distribution



Red (42%)

Green (58%)

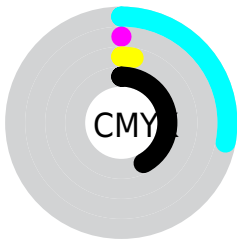
Blue (56%)



Red (42%)

Yellow (51%)

Blue (58%)

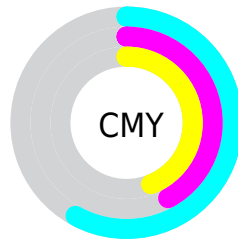


Cyan (28%)

Magenta (0%)

Yellow (3%)

Black (42%)



Cyan (58%)

Magenta (42%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.6874, 26.3192, 30.3226 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 21.6874, 26.3192, 30.3226 by changing the saturation by 10% instead.

■ 21.6874, 26.3192,
30.3226

■ 21.6874, 26.3192,
30.3226

253.5726,
284.3455, 317.6593

■ 13.7427, 17.0626,
19.8295

■ 45.7115, 53.7894,
61.2390

■ 8.0224, 10.2791,
12.0883

■ 62.5216, 72.7719,
82.4993

■ 4.1612, 5.5844,
6.6806

■ 83.0176, 95.7650,
108.1858

■ 1.7937, 2.5941,
3.1877

■ 107.5647,
123.1533, 138.7170

■ 0.5139, 0.9237,
1.1913

136.5285,
155.3211, 174.5114

■ 0.0000, 0.0000,
0.0000

170.2741,

192.6528, 215.9875

209.1670,
235.5328, 263.5640

■ 21.6874, 26.3192,
30.3226

■ 21.6874, 26.3192,
30.3226

■ 19.9486, 25.4362,
29.6691

■ 23.7337, 27.3620,
30.9990

■ 18.4995, 24.7016,
29.0359

■ 26.0997, 28.5687,
31.6973

■ 17.3240, 24.1080,
28.4228

■ 28.7997, 29.9474,
32.4186

■ 16.4035, 23.6457,
27.8290

■ 31.8462, 31.5046,
33.1635

■ 15.7170, 23.3038,
27.2533

■ 35.2514, 33.2465,
33.9328

■ 15.2403, 23.0699,
26.6948

■ 39.0268, 35.1791,
34.7268

■ 14.9283, 22.9207,
26.1511

■ 43.1832, 37.3080,
35.5463

■ 14.8626, 22.8896,
26.0275

■ 47.7313, 39.6387,
36.3916

■ 52.6811, 42.1762,
37.2633

Harmonies

Analogous

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



21.8533, 26.3192, 25.2249



21.6874, 26.3192, 30.3226



22.3789, 26.3192, 35.5565

Triad

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



21.6874, 26.3192, 30.3226



27.3211, 26.3192, 37.2260



26.2863, 26.3192, 20.1938

Complementary

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



21.6874, 26.3192, 30.3226



20.3407, 17.9599, 17.4347

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.



27.8517, 26.3192, 22.7135



21.6874, 26.3192, 30.3226



28.4692, 26.3192, 32.3873

Square

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



21.6874, 26.3192, 30.3226



25.5906, 26.3192, 39.8514



28.6680, 26.3192, 27.0538



24.4493, 26.3192, 19.7840

Rectangle

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



21.6874, 26.3192, 30.3226



23.2539, 26.3192, 38.2700



28.6680, 26.3192, 27.0538



26.8642, 26.3192, 20.8060

Sweetspot

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



21.6882, 26.3203, 30.3232



45.8462, 50.3021, 55.8688



19.8128, 25.6284, 17.8132



10.3248, 11.4110, 12.7136



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.



21.6882, 26.3203, 30.3232



36.3746, 45.4772, 52.8097



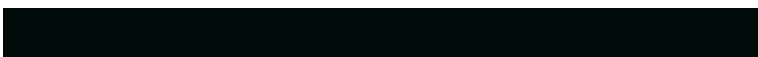
19.6067, 21.6591, 31.1653



5.9400, 6.5526, 7.2948



12.7001, 19.5528, 22.2599



0.1611, 0.2416, 0.3025

Inverse Universe

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



20.3407, 17.9599, 17.4347



33.6098, 28.3126, 26.3566



22.0002, 21.6238, 16.9249



5.8224, 5.8240, 6.1711



10.5072, 5.4079, 0.8859



0.1331, 0.0680, 0.0347

Previews

White Background



This preview shows how the XYZ color 21.6874, 26.3192, 30.3226 looks on a white background.

Color Contrast Check

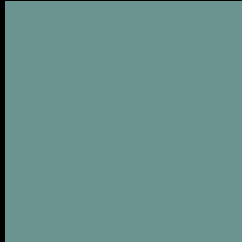
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.6874, 26.3192, 30.3226 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 21.6874, 26.3192, 30.3226

Background



This preview shows how black text looks on a background with the XYZ color 21.6874, 26.3192, 30.3226.

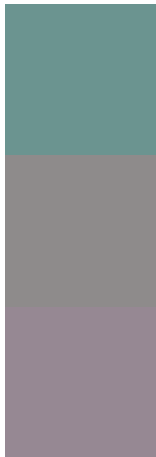


This preview shows how white text looks on a background with the XYZ color 21.6874, 26.3192,

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

21.6874, 26.3192, 30.3226

Protanopia

25.0481, 26.0801, 28.1399

Deuteranopia

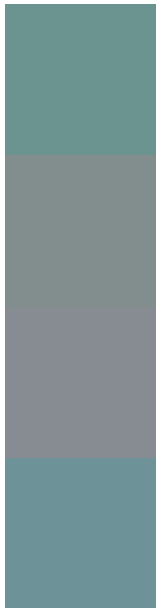
26.6483, 26.1989, 31.2561



Tritanopia

22.8808, 26.3414, 36.2262

Trichromacy



Original Color

21.6874, 26.3192, 30.3226

Protanomaly

23.5340, 25.9362, 28.9651

Deuteranomaly

24.3979, 25.8998, 30.9074

Tritanomaly

22.4902, 26.4186, 34.0509

Monochromacy



Original Color

21.6874, 26.3192, 30.3226

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.4230, 24.9511, 27.6790

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.6874, 26.3192, 30.3226 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, 148, 144)` looks like.

```
.text, #text, p{  
    color:rgb(107, 148, 144)  
}
```

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, 148, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 148, 144) }
```

Border

The CSS property to change the border of an element to XYZ 21.6874, 26.3192, 30.3226 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, 148, 144) }
```


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

```
.border{ border-color:rgb(107, 148, 144) }
```

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

Here you see how a box with a 4 pixel rgb(107, 148, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 148, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 148, 144);  
box-shadow:4px 4px 4px 4px rgb(107, 148,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 21.6874, 26.3192, 30.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 148, 144) }
```

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

```
.background{ background-color: rgb(107,  
148, 144) }
```

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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