

Converting Colors

XYZ(21.4158, 26.4908, 28.7114)

Have a look what the booklet for
XYZ(21.4158, 26.4908, 28.7114)
contains.

XYZ(21.4249, 26.4525, 28.7876)	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(21.4249, 26.4525,
28.7876)**

Conversions

Conversions Part 1

Format	Color
Hex	6A958C
RGB	106, 149, 140
RGB Percent	42%, 58%, 55%
CMY	0.5843, 0.4157, 0.4510
CMYK	0.29, 0.00, 0.06, 0.42
HSL	167°, 17%, 50%
HSV	167°, 29%, 58%
XYZ	21.4249, 26.4525, 28.7876
YIQ	135.1170, -22.7390, -11.9150

Conversions

Conversions Part 2

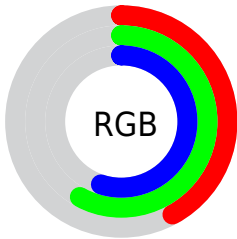
Format	Color
R_{YB}	106, 130, 149
Decimal	6985100
CIE _{Lab}	58.46, -16.67, 0.02
CIE _{LCh}	58, 16.670, 179.925
Yxy	26.4525, 0.2795, 0.3450
Android (android.graphics.Color)	4285175180 (0xFF6A958C)
YUV	135.1170, 2.4073, -25.5356
Hunter-Lab	51.4320, -15.6487, 2.8165

Details

The XYZ color **21.4249, 26.4525, 28.7876** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.6438, 17.9361, 18.5946**, and the grayscale version is **23.0705, 24.2720, 26.4322**.

A 20% lighter version of the original color is **45.0821, 53.8312, 58.4665**, and **7.9005, 10.3434, 11.2529** is the 20% darker color. If you saturate the color by 10%, you get **19.5792, 25.5279, 27.5180**, and if you desaturate by 10%, it is **23.5864, 27.5405, 30.1071**.

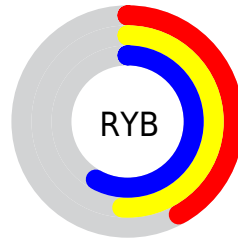
Distribution



Red (42%)

Green (58%)

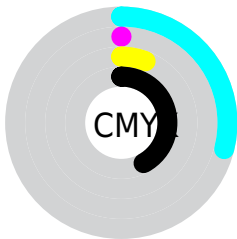
Blue (55%)



Red (42%)

Yellow (51%)

Blue (58%)

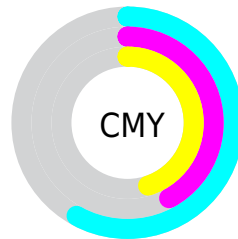


Cyan (29%)

Magenta (0%)

Yellow (6%)

Black (42%)



Cyan (58%)

Magenta (42%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4249, 26.4525, 28.7876 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 21.4249, 26.4525, 28.7876 by changing the saturation by 10% instead.

■ 21.4249, 26.4525,
28.7876

■ 21.4249, 26.4525,
28.7876

252.2173,
284.9964, 310.2410

■ 13.5492, 17.1625,
18.6760

■ 45.2796, 54.0040,
58.7776

■ 7.8874, 10.3504,
11.2620

■ 61.9893, 73.0343,
79.4931

■ 4.0742, 5.6319,
6.1269

■ 82.3743, 96.0802,
104.5803

■ 1.7442, 2.6226,
2.8524

■ 106.8000,
123.5260, 134.4578

■ 0.4837, 0.9380,
1.0198

135.6318,
155.7561, 169.5440

■ 0.0000, 0.0000,
0.0000

169.2351,

193.1549, 210.2576

207.9751,
236.1069, 257.0171

■ 21.4249, 26.4525,
28.7876

■ 21.4249, 26.4525,
28.7876

■ 19.5792, 25.5279,
27.5180

■ 23.5864, 27.5405,
30.1071

■ 18.0309, 24.7552,
26.2955

■ 26.0761, 28.7963,
31.4758

■ 16.7636, 24.1265,
25.1197

■ 28.9087, 30.2281,
32.8951

■ 15.7578, 23.6320,
23.9893

■ 32.0973, 31.8426,
34.3659

■ 14.9919, 23.2605,
22.9030

■ 35.6543, 33.6463,
35.8891

■ 14.4408, 22.9989,
21.8594

■ 39.5913, 35.6451,
37.4654

■ 14.0491, 22.8188,
20.8556

■ 43.9197, 37.8448,
39.0957

■ 14.0067, 22.7994,
20.7433

■ 48.6502, 40.2511,
40.7807

■ 53.7932, 42.8692,
42.5212

Harmonies

Analogous

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



21.9024, 26.4525, 23.5380



21.4249, 26.4525, 28.7876



21.8978, 26.4525, 34.7694

Triad

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



21.4249, 26.4525, 28.7876



27.1476, 26.4525, 39.6607



27.1569, 26.4525, 20.1437

Complementary

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



21.4249, 26.4525, 28.7876



20.6438, 17.9361, 18.5946

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.



28.6925, 26.4525, 23.5602



21.4249, 26.4525, 28.7876



28.6869, 26.4525, 34.7982

Square

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



21.4249, 26.4525, 28.7876



25.1372, 26.4525, 41.5409



29.2666, 26.4525, 28.8170



25.1474, 26.4525, 18.9769

Rectangle

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



21.4249, 26.4525, 28.7876



22.7038, 26.4525, 38.2682



29.2666, 26.4525, 28.8170



27.7495, 26.4525, 21.0422

Sweetspot

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



21.4257, 26.4536, 28.7882



46.5434, 51.4907, 56.2861



20.4617, 26.2029, 17.6153



10.1760, 11.3410, 12.4004



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.



21.4257, 26.4536, 28.7882



36.0447, 46.2070, 49.9861



20.2891, 23.0742, 31.8194



5.9126, 6.5417, 7.1509



11.7991, 19.1924, 17.5152



0.1549, 0.2391, 0.2696

Inverse Universe

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



20.6438, 17.9361, 18.5946



34.4000, 28.2554, 28.5172



21.4968, 20.4310, 16.4466



5.8475, 5.8341, 6.3032



10.6513, 5.4656, 1.6447



0.1394, 0.0705, 0.0676

Previews

White Background



This preview shows how the XYZ color 21.4249, 26.4525, 28.7876 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 21.4249, 26.4525, 28.7876 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 21.4249, 26.4525, 28.7876

Background



This preview shows how black text looks on a background with the XYZ color 21.4249, 26.4525, 28.7876.



This preview shows how white text looks on a background with the XYZ color 21.4249, 26.4525,

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

21.4249, 26.4525, 28.7876

Protanopia

25.1074, 26.1438, 26.6446

Deuteranopia

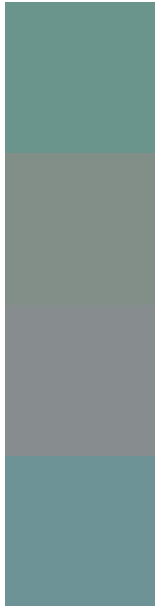
26.7110, 26.2669, 29.6488



Tritanopia

22.8808, 26.3414, 36.2262

Trichromacy



Original Color

21.4249, 26.4525, 28.7876

Protanomaly

23.5437, 26.1969, 27.4825

Deuteranomaly

24.3990, 26.1536, 29.3534

Tritanomaly

22.3263, 26.3530, 33.1881

Monochromacy



Original Color

21.4249, 26.4525, 28.7876

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.2056, 24.8474, 27.2926

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4249, 26.4525, 28.7876 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(106, 149, 140)` looks like.

```
.text, #text, p{  
    color:rgb(106, 149, 140)  
}
```

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(106, 149, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 149, 140) }
```

Border

The CSS property to change the border of an element to XYZ 21.4249, 26.4525, 28.7876 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(106, 149, 140) }
```


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

```
.border{ border-color:rgb(106, 149, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 149, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(106, 149, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(106, 149, 140); box-shadow:4px 4px 4px 4px rgb(106, 149, 140) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4249, 26.4525, 28.7876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 149, 140) }
```

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

```
.background{ background-color: rgb(106,  
149, 140) }
```

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