

Converting Colors

XYZ(14.7870, 18.5593, 22.1328)

Have a look what the booklet for
XYZ(14.7870, 18.5593, 22.1328)
contains.

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Color

**XYZ(14.9005, 18.7128,
22.2286)**

Conversions

Conversions Part 1

Format	Color
Hex	52807D
RGB	82, 128, 125
RGB Percent	32%, 50%, 49%
CMY	0.6784, 0.4980, 0.5098
CMYK	0.36, 0.00, 0.02, 0.50
HSL	176°, 22%, 41%
HSV	176°, 36%, 50%
XYZ	14.9005, 18.7128, 22.2286
YIQ	113.9040, -26.4530, -10.6850

Conversions

Conversions Part 2

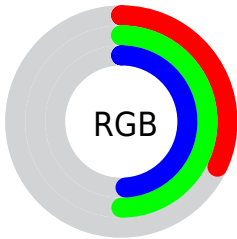
Format	Color
R _Y B	82, 106, 128
Decimal	5406845
CIE Lab	50.35, -16.39, -3.37
CIE LCh	50, 16.729, 191.617
Yxy	18.7128, 0.2668, 0.3351
Android (android.graphics.Color)	4283596925 (0xFF52807D)
YUV	113.9040, 5.4703, -27.9798
Hunter-Lab	43.2583, -14.2169, -0.1858

Details

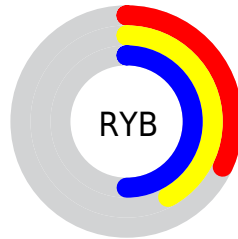
The XYZ color **14.9005, 18.7128, 22.2286** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.5597, 11.2802, 10.0577**, and the grayscale version is **15.9557, 16.7866, 18.2806**.

A 20% lighter version of the original color is **34.2326, 41.2486, 48.2770**, and **4.6962, 6.4208, 7.8293** is the 20% darker color. If you saturate the color by 10%, you get **13.8366, 18.1710, 21.9018**, and if you desaturate by 10%, it is **16.1736, 19.3634, 22.5683**.

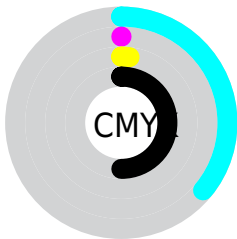
Distribution



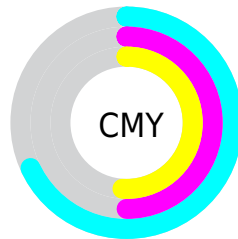
- Red (32%)
- Green (50%)
- Blue (49%)



- Red (32%)
- Yellow (42%)
- Blue (50%)



- Cyan (36%)
- Magenta (0%)
- Yellow (2%)
- Black (50%)



- Cyan (68%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.9005, 18.7128, 22.2286 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 14.9005, 18.7128, 22.2286 by changing the saturation by 10% instead.

■ 14.9005, 18.7128,
22.2286

■ 14.9005, 18.7128,
22.2286

216.1635,
244.8586, 276.7301

■ 8.8354, 11.4629,
13.8250

■ 34.2516, 41.2482,
48.0306

■ 4.6903, 6.3791,
7.8617

■ 48.2684, 57.3026,
66.2660

■ 2.0996, 3.0770,
3.9201

■ 65.6665, 77.0606,
88.6159

■ 0.6890, 1.1720,
1.5816

■ 86.8112, 100.9066,
115.4987

■ 0.0000, 0.0387,
0.2776

■ 112.0679,
129.2250, 147.3330

■ 0.0000, 0.0000,
0.0000

141.8019,

162.4002, 184.5373

176.3787,
200.8166, 227.5302

■ 14.9005, 18.7128,
22.2286

■ 14.9005, 18.7128,
22.2286

■ 13.8366, 18.1710,
21.9018

■ 16.1736, 19.3634,
22.5683

■ 12.9688, 17.7297,
21.5862

■ 17.6649, 20.1260,
22.9202

■ 12.2848, 17.3831,
21.2815

■ 19.3850, 21.0064,
23.2851

■ 11.7704, 17.1239,
20.9870

■ 21.3432, 22.0095,
23.6635

■ 11.4094, 16.9437,
20.7021

■ 23.5483, 23.1399,
24.0558

■ 11.1741, 16.8283,
20.4253

■ 26.0086, 24.4018,
24.4625

■ 11.0884, 16.7865,
20.3140

■ 28.7322, 25.7993,
24.8839

■ 31.7267, 27.3365,
25.3203

■ 34.9993, 29.0170,
25.7721

Harmonies

Analogous

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



14.9854, 18.7128, 17.6840



14.9005, 18.7128, 22.2286



15.5531, 18.7128, 26.9071

Triad

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



14.9005, 18.7128, 22.2286



19.9405, 18.7128, 27.8151



18.7886, 18.7128, 13.0150

Complementary

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



14.9005, 18.7128, 22.2286



13.5597, 11.2802, 10.0577

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.



20.2229, 18.7128, 14.9962



14.9005, 18.7128, 22.2286



20.9154, 18.7128, 23.3261

Square

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



14.9005, 18.7128, 22.2286



18.4219, 18.7128, 30.4450



21.0218, 18.7128, 18.6275



17.1648, 18.7128, 12.8136

Rectangle

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



14.9005, 18.7128, 22.2286



16.3431, 18.7128, 29.2947



21.0218, 18.7128, 18.6275



19.3113, 18.7128, 13.4791

Sweetspot

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



14.9010, 18.7135, 22.2290



32.4680, 36.1333, 40.6510



12.9951, 17.9827, 10.7692



7.5238, 8.4200, 9.5009



62.3462, 65.5931, 71.4309



8.4577, 8.8982, 9.6901

Same Dimension

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



14.9010, 18.7135, 22.2290



24.6978, 32.1634, 38.6708



12.7461, 14.0922, 22.4711



4.4347, 4.8822, 5.4603



10.9948, 16.6445, 20.1430



0.0000, 0.0000, 0.0000

Inverse Universe

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



13.5597, 11.2802, 10.0577



21.9771, 17.0739, 13.9737



15.1705, 14.6887, 10.0187



4.3383, 4.3485, 4.5858



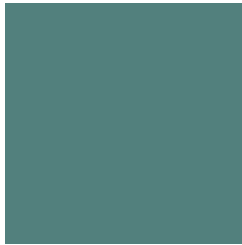
8.8726, 4.5687, 0.6531



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 14.9005, 18.7128, 22.2286 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 14.9005, 18.7128, 22.2286 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

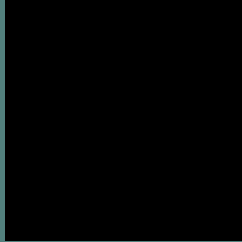
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.9005, 18.7128, 22.2286

Background



This preview shows how black text looks on a background with the XYZ color 14.9005, 18.7128, 22.2286.



This preview shows how white text looks on a background with the XYZ color 14.9005, 18.7128,

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

14.9005, 18.7128, 22.2286

Protanopia

17.8721, 18.6147, 20.4203

Deuteranopia

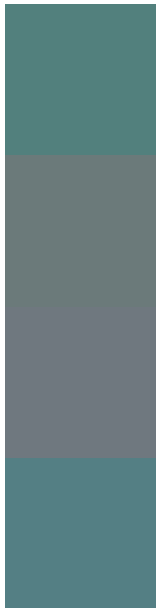
18.8941, 18.5613, 23.0089



Tritanopia

15.6511, 18.6306, 26.0637

Trichromacy



Original Color

14.9005, 18.7128, 22.2286

Protanomaly

16.5358, 18.4500, 21.1020

Deuteranomaly

17.1028, 18.3448, 22.7182

Tritanomaly

15.4104, 18.7295, 24.6327

Monochromacy



Original Color

14.9005, 18.7128, 22.2286

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

15.3463, 17.3264, 19.6750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.9005, 18.7128, 22.2286 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(82, 128, 125) looks like.

```
.text, #text, p{  
    color:rgb(82, 128, 125)  
}
```

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(82, 128, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 128, 125) }
```

Border

The CSS property to change the border of an element to XYZ 14.9005, 18.7128, 22.2286 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(82, 128, 125) }
```


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

```
.border{ border-color:rgb(82, 128, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 128, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 128, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 128, 125);  
box-shadow:4px 4px 4px 4px rgb(82, 128,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 14.9005, 18.7128, 22.2286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 128, 125) }
```

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

```
.background{ background-color: rgb(82, 128,  
125) }
```

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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