

Converting Colors

XYZ(14.8728, 20.4594, 22.2220)

Have a look what the booklet for
XYZ(14.8728, 20.4594, 22.2220)
contains.

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Color

**XYZ(14.8985, 20.5398,
22.2481)**

Conversions

Conversions Part 1

Format	Color
Hex	43897C
RGB	67, 137, 124
RGB Percent	26%, 54%, 49%
CMY	0.7372, 0.4627, 0.5137
CMYK	0.51, 0.00, 0.09, 0.46
HSL	169°, 34%, 40%
HSV	169°, 51%, 54%
XYZ	14.8985, 20.5398, 22.2481
YIQ	114.5880, -37.5470, -18.8830

Conversions

Conversions Part 2

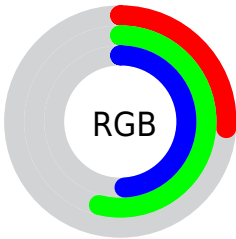
Format	Color
RYB	67, 106, 137
Decimal	4426108
CIELab	52.44, -25.42, 0.20
CIELCh	52, 25.419, 179.538
Yxy	20.5398, 0.2583, 0.3561
Android (android.graphics.Color)	4282616188 (0xFF43897C)
YUV	114.5880, 4.6401, -41.7347
Hunter-Lab	45.3209, -20.6325, 2.6190

Details

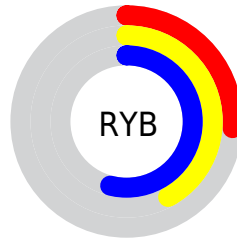
The XYZ color **14.8985, 20.5398, 22.2481** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **13.7724, 9.9125, 8.7777**, and the grayscale version is **16.1662, 17.0081, 18.5218**.

A 20% lighter version of the original color is **34.2130, 44.3893, 47.8391**, and **4.7157, 7.3437, 7.8255** is the 20% darker color. If you saturate the color by 10%, you get **13.9094, 20.0488, 21.3729**, and if you desaturate by 10%, it is **16.1152, 21.1487, 23.1565**.

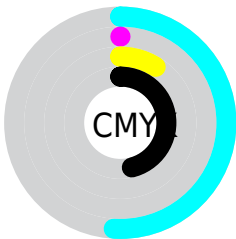
Distribution



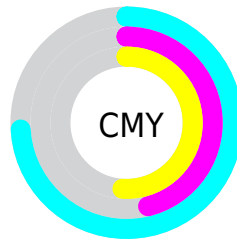
- Red (26%)
- Green (54%)
- Blue (49%)



- Red (26%)
- Yellow (42%)
- Blue (54%)



- Cyan (51%)
- Magenta (0%)
- Yellow (9%)
- Black (46%)



- Cyan (74%)
- Magenta (46%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 14.8985, 20.5398, 22.2481 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 14.8985, 20.5398, 22.2481 by changing the saturation by 10% instead.

■ 14.8985, 20.5398,
22.2481

■ 14.8985, 20.5398,
22.2481

216.1516,
254.8226, 276.8348

■ 8.8340, 12.7880,
13.8393

■ 34.2481, 44.3204,
48.0631

■ 4.6893, 7.2827,
7.8715

■ 48.2640, 61.1180,
66.3064

■ 2.0990, 3.6396,
3.9262

■ 65.6611, 81.6996,
88.6649

■ 0.6887, 1.4740,
1.5850

■ 86.8047, 106.4497,
115.5572

■ 0.0000, 0.2704,
0.2801

■ 112.0602,
135.7527, 147.4018

■ 0.0000, 0.0000,
0.0000

141.7930,

169.9929, 184.6173

176.3683,
209.5547, 227.6221

■ 14.8985, 20.5398,
22.2481

■ 14.8985, 20.5398,
22.2481

■ 13.9094, 20.0488,
21.3729

■ 16.1152, 21.1487,
23.1565

■ 13.1302, 19.6649,
20.5287

■ 17.5720, 21.8804,
24.0975

■ 12.5433, 19.3798,
19.7148

■ 19.2829, 22.7426,
25.0724

■ 12.1276, 19.1824,
18.9301

■ 21.2599, 23.7415,
26.0820

■ 11.8459, 19.0519,
18.2530

■ 23.5146, 24.8830,
27.1268

■ 26.0576, 26.1727,
28.2076

■ 28.8992, 27.6158,
29.3249

■ 32.0490, 29.2173,
30.4795

■ 35.5163, 30.9820,
31.6718

Harmonies

Analogous

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



15.4877, 20.5398, 15.8084



14.8985, 20.5398, 22.2481



15.4528, 20.5398, 30.2731

Triad

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



14.8985, 20.5398, 22.2481



22.1176, 20.5398, 37.4423



22.1942, 20.5398, 12.0766

Complementary

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



14.8985, 20.5398, 22.2481



13.7724, 9.9125, 8.7777

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.



24.2504, 20.5398, 15.9690



14.8985, 20.5398, 22.2481



24.2034, 20.5398, 30.5205

Square

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



14.8985, 20.5398, 22.2481



19.4818, 20.5398, 40.1531



25.0160, 20.5398, 22.4810



19.5632, 20.5398, 10.8017

Rectangle

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



14.8985, 20.5398, 22.2481



16.4273, 20.5398, 35.2611



25.0160, 20.5398, 22.4810



22.9838, 20.5398, 13.0720

Sweetspot

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



14.8991, 20.5406, 22.2486



36.5115, 41.7266, 45.9327



13.3528, 20.0467, 8.4763



8.0454, 9.2863, 10.2288



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



14.8991, 20.5406, 22.2486



24.7135, 35.8061, 38.0813



13.0762, 15.4910, 25.9686



5.1337, 5.6730, 6.2249



11.0381, 17.7478, 17.0233



0.0781, 0.1198, 0.1383

Inverse Universe

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



13.7724, 9.9125, 8.7777



22.4798, 14.5920, 11.2686



14.8201, 12.7038, 6.9817



5.0684, 5.0628, 5.4485



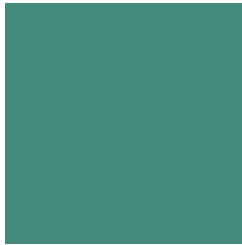
9.7813, 5.0226, 1.3528



0.0690, 0.0350, 0.0303

Previews

White Background



This preview shows how the XYZ color 14.8985, 20.5398, 22.2481 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 14.8985, 20.5398, 22.2481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

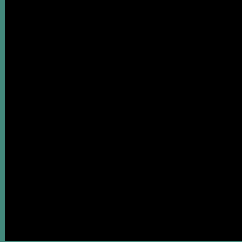
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 14.8985, 20.5398, 22.2481

Background



This preview shows how black text looks on a background with the XYZ color 14.8985, 20.5398, 22.2481.

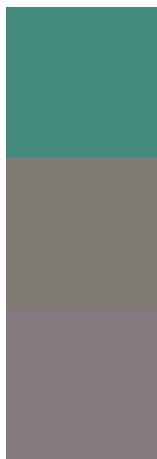


This preview shows how white text looks on a background with the XYZ color 14.8985, 20.5398,

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

14.8985, 20.5398, 22.2481

Protanopia

19.3206, 20.2889, 19.7275

Deuteranopia

20.7253, 20.3842, 23.2643



Tritanopia

16.4600, 20.5504, 29.8871

Trichromacy



Original Color

14.8985, 20.5398, 22.2481

Protanomaly

17.1843, 20.1208, 20.7473

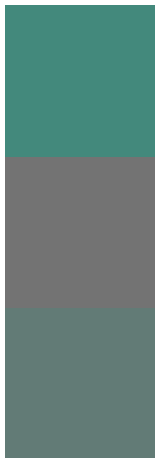
Deuteranomaly

17.8505, 20.0260, 23.0033

Tritanomaly

15.7779, 20.4737, 26.7871

Monochromacy



Original Color

14.8985, 20.5398, 22.2481

Achromatopsia

16.2955, 17.1441, 18.6699

Achromatomaly

15.3900, 18.0706, 19.8164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 14.8985, 20.5398, 22.2481 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(67, 137, 124)` looks like.

```
.text, #text, p{  
    color:rgb(67, 137, 124)  
}
```

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(67, 137, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 137, 124) }
```

Border

The CSS property to change the border of an element to XYZ 14.8985, 20.5398, 22.2481 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(67, 137, 124) }
```


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

```
.border{ border-color:rgb(67, 137, 124) }
```

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

Here you see how a box with a 4 pixel rgb(67, 137, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 137, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 137, 124);  
box-shadow:4px 4px 4px 4px rgb(67, 137,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 14.8985, 20.5398, 22.2481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 137, 124) }
```

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

```
.background{ background-color: rgb(67, 137,  
124) }
```

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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