

Converting Colors

XYZ(19.2224, 22.7668, 26.7836)

Have a look what the booklet for
XYZ(19.2224, 22.7668, 26.7836)
contains.

XYZ(19.0985, 22.6120, 26.6505)	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(19.0985, 22.6120,
26.6505)**

Conversions

Conversions Part 1

Format	Color
Hex	688988
RGB	104, 137, 136
RGB Percent	41%, 54%, 53%
CMY	0.5922, 0.4627, 0.4667
CMYK	0.24, 0.00, 0.01, 0.46
HSL	178°, 14%, 47%
HSV	178°, 24%, 54%
XYZ	19.0985, 22.6120, 26.6505
YIQ	127.0190, -19.3470, -7.3070

Conversions

Conversions Part 2

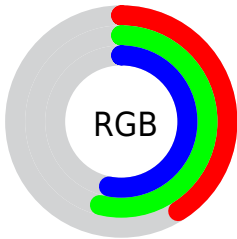
Format	Color
RYB	104, 121, 137
Decimal	6850952
CIELab	54.67, -11.76, -3.26
CIElCh	55, 12.200, 195.501
Yxy	22.6120, 0.2794, 0.3308
Android (android.graphics.Color)	4285041032 (0xFF688988)
YUV	127.0190, 4.4276, -20.1877
Hunter-Lab	47.5521, -11.5246, 0.0574

Details

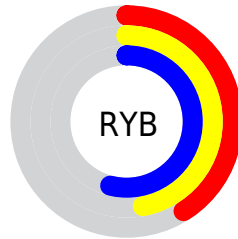
The XYZ color **19.0985, 22.6120, 26.6505** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.8174, 16.2395, 15.5609**, and the grayscale version is **20.1699, 21.2203, 23.1089**.

A 20% lighter version of the original color is **41.3091, 47.5690, 55.1486**, and **6.6635, 8.3005, 10.0551** is the 20% darker color. If you saturate the color by 10%, you get **17.6064, 21.8468, 26.4271**, and if you desaturate by 10%, it is **20.8505, 23.5123, 26.8876**.

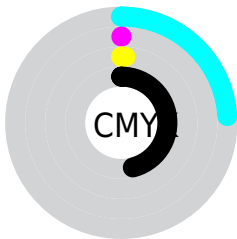
Distribution



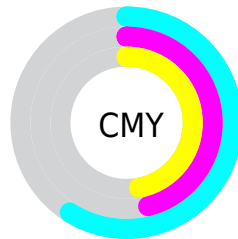
- Red (41%)
- Green (54%)
- Blue (53%)



- Red (41%)
- Yellow (47%)
- Blue (54%)



- Cyan (24%)
- Magenta (0%)
- Yellow (1%)
- Black (46%)



- Cyan (59%)
- Magenta (46%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.0985, 22.6120, 26.6505 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 19.0985, 22.6120, 26.6505 by changing the saturation by 10% instead.

■ 19.0985, 22.6120,
26.6505

■ 19.0985, 22.6120,
26.6505

239.9197,
265.7258, 299.6673

■ 11.8459, 14.3073,
17.0808

■ 41.4161, 47.7554,
55.3194

■ 6.7103, 8.3347,
10.1295

■ 57.2117, 65.3629,
75.2557

■ 3.3263, 4.3098,
5.3782

■ 76.5858, 86.8402,
99.4846

■ 1.3286, 1.8484,
2.4082

■ 99.9036, 112.5715,
128.4247

■ 0.2045, 0.5170,
0.7909

127.5306,
142.9413, 162.4945

■ 0.0000, 0.0000,
0.0000

159.8320,

178.3341, 202.1125

197.1733,
219.1341, 247.6973

■ 19.0985, 22.6120,
26.6505

■ 19.0985, 22.6120,
26.6505

■ 17.6064, 21.8468,
26.4271

■ 20.8505, 23.5123,
26.8876

■ 16.3596, 21.2074,
26.2153

■ 22.8719, 24.5510,
27.1375

■ 15.3454, 20.6880,
26.0150

■ 25.1744, 25.7345,
27.4011

■ 14.5490, 20.2808,
25.8254

■ 27.7682, 27.0682,
27.6789

■ 13.9539, 19.9773,
25.6459

■ 30.6632, 28.5572,
27.9715

■ 13.5412, 19.7679,
25.4755

■ 33.8687, 30.2062,
28.2791

■ 13.2873, 19.6404,
25.3132

■ 37.3935, 32.0198,
28.6024

■ 13.1689, 19.5813,
25.2190

■ 41.2464, 34.0025,
28.9415

■ 45.4354, 36.1585,
29.2971

Harmonies

Analogous

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



19.0877, 22.6120, 22.8152



19.0985, 22.6120, 26.6505



19.7325, 22.6120, 30.2812

Triad

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



19.0985, 22.6120, 26.6505



23.3870, 22.6120, 30.1762



22.1450, 22.6120, 18.1324

Complementary

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



19.0985, 22.6120, 26.6505



17.8174, 16.2395, 15.5609

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.



23.3532, 22.6120, 19.7135



19.0985, 22.6120, 26.6505



24.0902, 22.6120, 26.5189

Square

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



19.0985, 22.6120, 26.6505



22.1896, 22.6120, 32.4567



24.0776, 22.6120, 22.6965



20.8092, 22.6120, 18.1597

Rectangle

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



19.0985, 22.6120, 26.6505



20.4389, 22.6120, 31.9820



24.0776, 22.6120, 22.6965



22.5807, 22.6120, 18.4855

Sweetspot

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



19.0992, 22.6129, 26.6510



39.7950, 43.3669, 48.4562



17.2824, 21.9011, 16.4135



8.8870, 9.7070, 10.8638



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.



19.0992, 22.6129, 26.6510



32.6617, 39.7033, 47.4995



17.1354, 18.5709, 26.3495



5.1664, 5.6860, 6.3972



12.2670, 18.2394, 23.4946



0.0824, 0.1215, 0.1611

Inverse Universe

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



17.8174, 16.2395, 15.5609



29.9467, 26.2012, 24.0071



19.4606, 19.6077, 15.8560



5.0386, 5.0509, 5.2919



9.6319, 4.9629, 0.5659



0.0647, 0.0332, 0.0075

Previews

White Background



This preview shows how the XYZ color 19.0985, 22.6120, 26.6505 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 19.0985, 22.6120, 26.6505 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

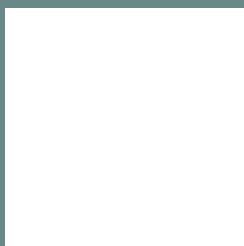
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.0985, 22.6120, 26.6505

Background



This preview shows how black text looks on a background with the XYZ color 19.0985, 22.6120, 26.6505.



This preview shows how white text looks on a background with the XYZ color 19.0985, 22.6120,

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

19.0985, 22.6120, 26.6505

Protanopia

21.6632, 22.5367, 25.0380

Deuteranopia

22.9920, 22.5892, 27.1931



Tritanopia

19.7961, 22.4674, 30.4874

Trichromacy



Original Color

19.0985, 22.6120, 26.6505

Protanomaly

20.6472, 22.6061, 25.4655

Deuteranomaly

21.3841, 22.5508, 26.8926

Tritanomaly

19.5123, 22.5646, 28.9182

Monochromacy



Original Color

19.0985, 22.6120, 26.6505

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.7533, 21.7662, 24.2793

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.0985, 22.6120, 26.6505 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(104, 137, 136)` looks like.

```
.text, #text, p{  
    color:rgb(104, 137, 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(104, 137, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 137, 136) }
```

Border

The CSS property to change the border of an element to XYZ 19.0985, 22.6120, 26.6505 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(104, 137, 136) }
```


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

```
.border{ border-color:rgb(104, 137, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 137, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 137, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 137, 136);  
box-shadow:4px 4px 4px 4px rgb(104, 137,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 19.0985, 22.6120, 26.6505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 137, 136) }
```

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

```
.background{ background-color: rgb(104,  
137, 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](#).

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