

Converting Colors

XYZ(19.0394, 22.5781, 26.6975)

Have a look what the booklet for
XYZ(19.0394, 22.5781, 26.6975)
contains.

XYZ(18.9831, 22.5525, 26.6451)	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(18.9831, 22.5525,
26.6451)**

Conversions

Conversions Part 1

Format	Color
Hex	678988
RGB	103, 137, 136
RGB Percent	40%, 54%, 53%
CMY	0.5961, 0.4627, 0.4667
CMYK	0.25, 0.00, 0.01, 0.46
HSL	178°, 14%, 47%
HSV	178°, 25%, 54%
XYZ	18.9831, 22.5525, 26.6451
YIQ	126.7200, -19.9430, -7.5190

Conversions

Conversions Part 2

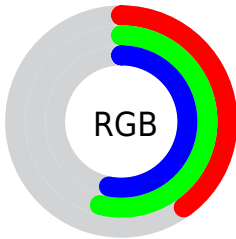
Format	Color
R_{YB}	103, 120, 137
Decimal	6785416
CIE _{Lab}	54.61, -12.08, -3.36
CIE _{LCh}	55, 12.538, 195.540
Yxy	22.5525, 0.2784, 0.3308
Android (android.graphics.Color)	4284975496 (0xFF678988)
YUV	126.7200, 4.5750, -20.8024
Hunter-Lab	47.4895, -11.7543, -0.0234

Details

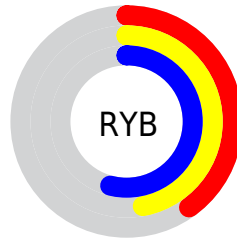
The XYZ color **18.9831, 22.5525, 26.6451** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **17.6663, 16.0189, 15.2584**, and the grayscale version is **20.0670, 21.1121, 22.9911**.

A 20% lighter version of the original color is **41.1163, 47.4696, 55.1396**, and **6.6092, 8.2725, 10.0525** is the 20% darker color. If you saturate the color by 10%, you get **17.5102, 21.7971, 26.4271**, and if you desaturate by 10%, it is **20.7149, 23.4425, 26.8767**.

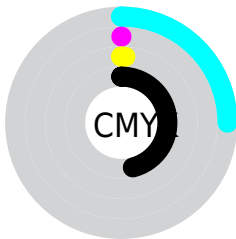
Distribution



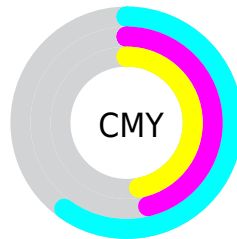
- Red (40%)
- Green (54%)
- Blue (53%)



- Red (40%)
- Yellow (47%)
- Blue (54%)



- Cyan (25%)
- Magenta (0%)
- Yellow (1%)
- Black (46%)



- Cyan (60%)
- Magenta (46%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.9831, 22.5525, 26.6451 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 18.9831, 22.5525, 26.6451 by changing the saturation by 10% instead.

■ 18.9831, 22.5525,
26.6451

■ 18.9831, 22.5525,
26.6451

239.2953,
265.4181, 299.6402

■ 11.7620, 14.2634,
17.0768

■ 41.2226, 47.6575,
55.3106

■ 6.6529, 8.3041,
10.1267

■ 56.9718, 65.2422,
75.2449

■ 3.2904, 4.2902,
5.3764

■ 76.2943, 86.6942,
99.4716

■ 1.3091, 1.8372,
2.4072

■ 99.5556, 112.3980,
128.4093

■ 0.1900, 0.5102,
0.7903

127.1210,
142.7378, 162.4765

■ 0.0000, 0.0000,
0.0000

159.3558,

178.0982, 202.0916

196.6255,
218.8635, 247.6734

■ 18.9831, 22.5525,
26.6451

■ 18.9831, 22.5525,
26.6451

■ 17.5102, 21.7971,
26.4271

■ 20.7149, 23.4425,
26.8767

■ 16.2818, 21.1671,
26.2207

■ 22.7154, 24.4705,
27.1210

■ 15.2848, 20.6564,
26.0256

■ 24.9961, 25.6429,
27.3789

■ 14.5045, 20.2575,
25.8413

■ 27.5675, 26.9651,
27.6511

■ 13.9242, 19.9615,
25.6668

■ 30.4393, 28.4422,
27.9378

■ 13.5248, 19.7589,
25.5014

■ 33.6209, 30.0790,
28.2396

■ 13.2807, 19.6363,
25.3439

■ 37.1212, 31.8801,
28.5569

■ 13.1773, 19.5847,
25.2635

■ 40.9489, 33.8500,
28.8901

■ 45.1123, 35.9928,
29.2396

Harmonies

Analogous

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



18.9712, 22.5525, 22.7096



18.9831, 22.5525, 26.6451



19.6330, 22.5525, 30.3788

Triad

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



18.9831, 22.5525, 26.6451



23.3824, 22.5525, 30.2624



22.1038, 22.5525, 17.9174

Complementary

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



18.9831, 22.5525, 26.6451



17.6663, 16.0189, 15.2584

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.



23.3450, 22.5525, 19.5290



18.9831, 22.5525, 26.6451



24.1044, 22.5525, 26.4995

Square

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



18.9831, 22.5525, 26.6451



22.1531, 22.5525, 32.6148



24.0905, 22.5525, 22.5787



20.7335, 22.5525, 17.9475

Rectangle

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



18.9831, 22.5525, 26.6451



20.3572, 22.5525, 32.1296



24.0905, 22.5525, 22.5787



22.5512, 22.5525, 18.2769

Sweetspot

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



18.9838, 22.5534, 26.6456



39.7961, 43.3673, 48.4621



17.1189, 21.8226, 16.1422



8.8873, 9.7071, 10.8652



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.



18.9838, 22.5534, 26.6456



32.3982, 39.5676, 47.4839



16.9631, 18.3976, 26.3251



5.1666, 5.6861, 6.3982



12.2749, 18.2425, 23.5360



0.0825, 0.1216, 0.1613

Inverse Universe

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



17.6663, 16.0189, 15.2584



29.6024, 25.6988, 23.3180



19.3465, 19.4603, 15.5688



5.0385, 5.0508, 5.2910



9.6312, 4.9626, 0.5625



0.0647, 0.0332, 0.0073

Previews

White Background



This preview shows how the XYZ color 18.9831, 22.5525, 26.6451 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 18.9831, 22.5525, 26.6451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

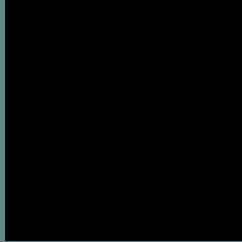
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 18.9831, 22.5525, 26.6451

Background



This preview shows how black text looks on a background with the XYZ color 18.9831, 22.5525, 26.6451.



This preview shows how white text looks on a background with the XYZ color 18.9831, 22.5525,

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

18.9831, 22.5525, 26.6451

Protanopia

21.6632, 22.5367, 25.0380

Deuteranopia

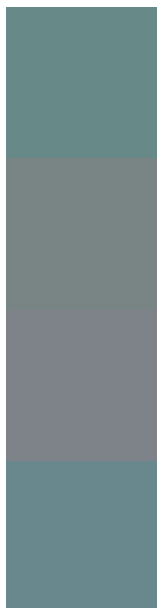
22.6958, 22.2457, 27.1424



Tritanopia

19.6780, 22.4065, 30.4819

Trichromacy



Original Color

18.9831, 22.5525, 26.6451

Protanomaly

20.5063, 22.5335, 25.4589

Deuteranomaly

21.1022, 22.2070, 26.8411

Tritanomaly

19.3956, 22.5044, 28.9127

Monochromacy



Original Color

18.9831, 22.5525, 26.6451

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.6168, 21.6959, 24.2729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.9831, 22.5525, 26.6451 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(103, 137, 136)` looks like.

```
.text, #text, p{  
    color:rgb(103, 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(103, 137, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 137, 136) }
```

Border

The CSS property to change the border of an element to XYZ 18.9831, 22.5525, 26.6451 is called "border". The border property can be set on classes, ids or directly on the HTML element.

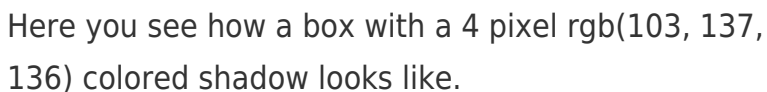
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(103, 137, 136) }
```


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

```
.border{ border-color:rgb(103, 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(103, 137, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 137, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 137, 136);  
box-shadow:4px 4px 4px 4px rgb(103, 137,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 18.9831, 22.5525, 26.6451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 137, 136) }
```

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

```
.background{ background-color: rgb(103,  
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](#).

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