

Converting Colors

XYZ(19.5237, 22.5498, 11.1100)

Have a look what the booklet for
XYZ(19.5237, 22.5498, 11.1100)
contains.

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Color

**XYZ(19.5260, 22.5498,
11.1080)**

Conversions

Conversions Part 1

Format	Color
Hex	848651
RGB	132, 134, 81
RGB Percent	52%, 53%, 32%
CMY	0.4824, 0.4745, 0.6823
CMYK	0.01, 0.00, 0.40, 0.47
HSL	62°, 25%, 42%
HSV	62°, 40%, 53%
XYZ	19.5260, 22.5498, 11.1080
YIQ	127.3600, 15.8210, -16.9070

Conversions

Conversions Part 2

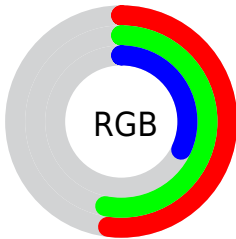
Format	Color
R_{YB}	81, 134, 83
Decimal	8685137
CIE Lab	54.61, -9.31, 28.28
CIE LCh	55, 29.774, 108.216
Yxy	22.5498, 0.3671, 0.4240
Android (android.graphics.Color)	4286875217 (0xFF848651)
YUV	127.3600, -22.8555, 4.0693
Hunter-Lab	47.4866, -9.7043, 19.3716

Details

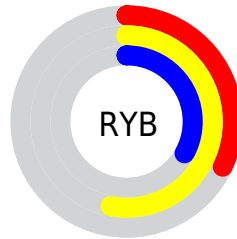
The XYZ color **19.5260, 22.5498, 11.1080** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **10.8136, 9.4457, 23.8088**, and the grayscale version is **20.3696, 21.4304, 23.3377**.

A 20% lighter version of the original color is **42.1168, 47.6184, 28.4442**, and **6.9452, 8.3677, 2.8392** is the 20% darker color. If you saturate the color by 10%, you get **18.9935, 22.3285, 8.7140**, and if you desaturate by 10%, it is **20.1592, 22.8130, 14.0253**.

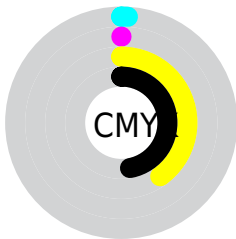
Distribution



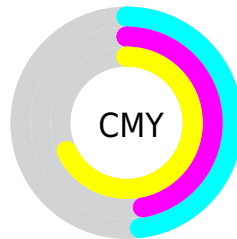
- Red (52%)
- Green (53%)
- Blue (32%)



- Red (32%)
- Yellow (53%)
- Blue (33%)



- Cyan (1%)
- Magenta (0%)
- Yellow (40%)
- Black (47%)



- Cyan (48%)
- Magenta (47%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.5260, 22.5498, 11.1080 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 19.5260, 22.5498, 11.1080 by changing the saturation by 10% instead.

■ 19.5260, 22.5498,
11.1080

■ 19.5260, 22.5498,
11.1080

242.2202,
265.4042, 209.1710

■ 12.1572, 14.2614,
6.0244

■ 42.1311, 47.6530,
28.4994

■ 6.9238, 8.3027,
2.7909

■ 58.0981, 65.2367,
41.6443

■ 3.4604, 4.2893,
0.9889

■ 77.6619, 86.6876,
58.3134

■ 1.4016, 1.8367,
0.0000

■ 101.1878,
112.3901, 78.9253

■ 0.2574, 0.5099,
0.0000

■ 129.0413,
142.7286, 103.8984

■ 0.0000, 0.0000,
0.0000

161.5876,

178.0875, 133.6514

199.1921,
218.8512, 168.6027

■ 19.5260, 22.5498,
11.1080

■ 19.5260, 22.5498,
11.1080

■ 18.9935, 22.3285,
8.7140

■ 20.1592, 22.8130,
14.0253

■ 18.5542, 22.1437,
6.8111

■ 20.8968, 23.1173,
17.4930

■ 18.2021, 21.9938,
5.3655

■ 21.7444, 23.4656,
21.5376

■ 17.9299, 21.8759,
4.3388

■ 22.7066, 23.8598,
26.1840

■ 17.7292, 21.7867,
3.6863

■ 23.7878, 24.3017,
31.4553

■ 17.5761, 21.7165,
3.2826

■ 24.9923, 24.7928,
37.3734

■ 17.5694, 21.7134,
3.2651

■ 26.3240, 25.3350,
43.9593

■ 27.7867, 25.9295,
51.2330

■ 29.3839, 26.5780,
59.2135

Harmonies

Analogous

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



22.7434, 22.5498, 10.8025



19.5260, 22.5498, 11.1080



17.0762, 22.5498, 14.3988

Triad

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



19.5260, 22.5498, 11.1080



17.5087, 22.5498, 40.5854



28.1994, 22.5498, 28.4189

Complementary

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



19.5260, 22.5498, 11.1080



10.8136, 9.4457, 23.8088

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.



26.4740, 22.5498, 38.6197



19.5260, 22.5498, 11.1080



20.1738, 22.5498, 46.7483

Square

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



19.5260, 22.5498, 11.1080



15.9957, 22.5498, 30.6262



23.4601, 22.5498, 45.9492



27.9807, 22.5498, 19.3408

Rectangle

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



19.5260, 22.5498, 11.1080



16.1062, 22.5498, 18.4557



23.4601, 22.5498, 45.9492



27.8210, 22.5498, 31.8638

Sweetspot

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



19.5266, 22.5508, 11.1085



37.8847, 41.1674, 35.9100



14.3929, 11.8138, 9.3066



8.4990, 9.2598, 7.9177



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



19.5266, 22.5508, 11.1085



33.5945, 39.3934, 15.9358



15.9234, 20.6933, 10.9398



5.0228, 5.4143, 5.0097



16.4662, 20.3486, 3.0598



0.0584, 0.0712, 0.0107

Inverse Universe

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



10.8136, 9.4457, 23.8088



16.1178, 13.1020, 41.4178



13.5857, 10.8747, 23.9386



4.4496, 4.5523, 5.8449



4.0942, 1.6448, 21.2384



0.0152, 0.0062, 0.0736

Previews

White Background



This preview shows how the XYZ color 19.5260, 22.5498, 11.1080 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 19.5260, 22.5498, 11.1080 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 19.5260, 22.5498, 11.1080

Background



This preview shows how black text looks on a background with the XYZ color 19.5260, 22.5498, 11.1080.



This preview shows how white text looks on a background with the XYZ color 19.5260, 22.5498,

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

19.5260, 22.5498, 11.1080

Protanopia

20.8920, 22.6514, 10.8605

Deuteranopia

22.7996, 22.4599, 11.3171



Tritanopia

22.7522, 22.4739, 26.8056

Trichromacy



Original Color

19.5260, 22.5498, 11.1080

Protanomaly

20.3467, 22.5707, 10.8736

Deuteranomaly

21.4549, 22.3434, 11.1646

Tritanomaly

21.3469, 22.4839, 20.0443

Monochromacy



Original Color

19.5260, 22.5498, 11.1080

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.8504, 21.7582, 17.9054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.5260, 22.5498, 11.1080 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(132, 134, 81)` looks like.

```
.text, #text, p{  
    color:rgb(132, 134, 81)  
}
```

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(132, 134, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 134, 81) }
```

Border

The CSS property to change the border of an element to XYZ 19.5260, 22.5498, 11.1080 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(132, 134, 81) }
```


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

```
.border{ border-color:rgb(132, 134, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 134, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 134, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 134, 81);  
box-shadow:4px 4px 4px 4px rgb(132, 134,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 19.5260, 22.5498, 11.1080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 134, 81) }
```

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

```
.background{ background-color: rgb(132,  
134, 81) }
```

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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