

Converting Colors

XYZ(19.8385, 21.5622, 17.6527)

Have a look what the booklet for
XYZ(19.8385, 21.5622, 17.6527)
contains.

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Color

**XYZ(19.8165, 21.5505,
17.5832)**

Conversions

Conversions Part 1

Format	Color
Hex	82816D
RGB	130, 129, 109
RGB Percent	51%, 51%, 43%
CMY	0.4902, 0.4941, 0.5725
CMYK	0.00, 0.01, 0.16, 0.49
HSL	57°, 9%, 47%
HSV	57°, 16%, 51%
XYZ	19.8165, 21.5505, 17.5832
YIQ	127.0190, 7.0160, -6.0080

Conversions

Conversions Part 2

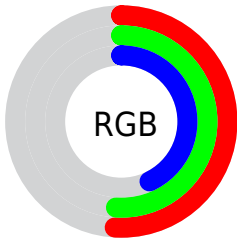
Format	Color
R_{YB}	110, 130, 109
Decimal	8552813
CIE _{Lab}	53.55, -3.29, 11.00
CIE _{LCh}	54, 11.477, 106.647
Yxy	21.5505, 0.3362, 0.3656
Android (android.graphics.Color)	4286742893 (0xFF82816D)
YUV	127.0190, -8.8834, 2.6143
Hunter-Lab	46.4225, -5.0426, 10.0388

Details

The XYZ color **19.8165, 21.5505, 17.5832** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **15.9118, 16.0144, 23.3717**, and the grayscale version is **20.2077, 21.2600, 23.1522**.

A 20% lighter version of the original color is **42.6894, 46.0964, 40.3657**, and **7.1043, 7.8236, 5.5505** is the 20% darker color. If you saturate the color by 10%, you get **19.0870, 21.1298, 14.1390**, and if you desaturate by 10%, it is **20.6512, 22.0156, 21.5737**.

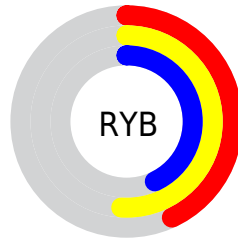
Distribution



Red (51%)

Green (51%)

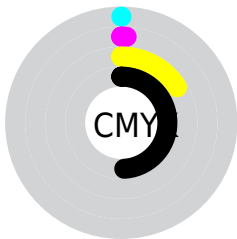
Blue (43%)



Red (43%)

Yellow (51%)

Blue (43%)

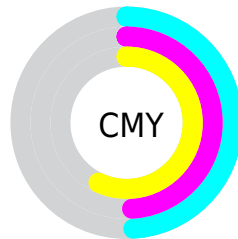


Cyan (0%)

Magenta (1%)

Yellow (16%)

Black (49%)



Cyan (49%)

Magenta (49%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.8165, 21.5505, 17.5832 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 19.8165, 21.5505, 17.5832 by changing the saturation by 10% instead.

■ 19.8165, 21.5505,
17.5832

■ 19.8165, 21.5505,
17.5832

243.7725,
260.1898, 250.6679

■ 12.3692, 13.5270,
10.4848

■ 42.6156, 46.0019,
40.1301

■ 7.0696, 7.7924,
5.6118

■ 58.6982, 63.1987,
56.4157

■ 3.5524, 3.9624,
2.5456

■ 78.3898, 84.2219,
76.6009

■ 1.4522, 1.6526,
0.8642

■ 102.0560,
109.4561, 101.1040

■ 0.2929, 0.3927,
0.0000

130.0620,
139.2855, 130.3438

■ 0.0000, 0.0000,
0.0000

162.7731,

174.0947, 164.7386

200.5549,
214.2680, 204.7071

■ 19.8165, 21.5505,
17.5832

■ 19.8165, 21.5505,
17.5832

■ 19.0870, 21.1298,
14.1390

■ 20.6512, 22.0156,
21.5737

■ 18.4565, 20.7486,
11.2159

■ 21.5935, 22.5237,
26.1315

■ 17.9205, 20.4062,
8.7888

■ 22.6482, 23.0777,
31.2782

■ 17.4740, 20.1002,
6.8298

■ 23.8189, 23.6788,
37.0338

■ 17.1110, 19.8285,
5.3084

■ 25.1094, 24.3286,
43.4175

■ 16.8251, 19.5883,
4.1905

■ 26.5231, 25.0285,
50.4475

■ 16.6088, 19.3768,
3.4370

■ 28.0633, 25.7798,
58.1413

■ 16.4494, 19.1888,
2.9804

■ 29.7333, 26.5838,
66.5157

■ 16.3922, 19.1184,
2.8263

■ 31.5360, 27.4417,
75.5871

Harmonies

Analogous

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



21.0313, 21.5505, 17.5006



19.8165, 21.5505, 17.5832



18.8196, 21.5505, 19.1366

Triad

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



19.8165, 21.5505, 17.5832



18.9101, 21.5505, 28.7131



22.8585, 21.5505, 25.0557

Complementary

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



19.8165, 21.5505, 17.5832



15.9118, 16.0144, 23.3717

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.



22.2419, 21.5505, 28.4010



19.8165, 21.5505, 17.5832



19.9445, 21.5505, 30.6501

Square

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



19.8165, 21.5505, 17.5832



18.3107, 21.5505, 25.4484



21.1645, 21.5505, 30.5305



22.8209, 21.5505, 21.5871

Rectangle

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



19.8165, 21.5505, 17.5832



18.3982, 21.5505, 20.8940



21.1645, 21.5505, 30.5305



22.7199, 21.5505, 26.2384

Sweetspot

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



19.8171, 21.5515, 17.5837



36.5318, 38.8604, 38.7804



17.4920, 16.8103, 17.0892



8.2479, 8.7845, 8.6773



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.



19.8171, 21.5515, 17.5837



34.4581, 37.7022, 28.8742



18.5654, 21.1021, 17.5629



4.6484, 4.9856, 4.6374



15.7189, 18.3343, 2.7104



0.0000, 0.0000, 0.0000

Inverse Universe

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



15.9118, 16.0144, 23.3717



26.3674, 26.2310, 40.8659



17.0306, 16.4324, 23.3934



4.1240, 4.2420, 5.4147



3.9291, 1.6768, 20.3665



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.8165, 21.5505, 17.5832 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 19.8165, 21.5505, 17.5832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

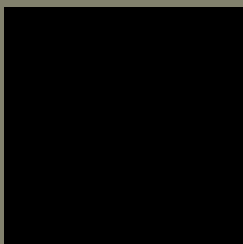
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.8165, 21.5505, 17.5832

Background



This preview shows how black text looks on a background with the XYZ color 19.8165, 21.5505, 17.5832.



This preview shows how white text looks on a background with the XYZ color 19.8165, 21.5505,

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

19.8165, 21.5505, 17.5832

Protanopia

20.4176, 21.6719, 17.2943

Deuteranopia

21.9301, 21.4948, 17.7449



Tritanopia

21.5383, 21.4848, 25.9335

Trichromacy



Original Color

19.8165, 21.5505, 17.5832

Protanomaly

20.0988, 21.5076, 17.2794

Deuteranomaly

21.1326, 21.4557, 17.7794

Tritanomaly

20.8996, 21.4146, 22.7706

Monochromacy



Original Color

19.8165, 21.5505, 17.5832

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.0114, 21.3836, 20.8420

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.8165, 21.5505, 17.5832 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(130, 129, 109)` looks like.

```
.text, #text, p{  
    color:rgb(130, 129, 109)  
}
```

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(130, 129, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 129, 109) }
```

Border

The CSS property to change the border of an element to XYZ 19.8165, 21.5505, 17.5832 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(130, 129, 109) }
```


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

```
.border{ border-color:rgb(130, 129, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 129, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 129, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 129, 109);  
box-shadow:4px 4px 4px 4px rgb(130, 129,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 19.8165, 21.5505, 17.5832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 129, 109) }
```

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

```
.background{ background-color: rgb(130,  
129, 109) }
```

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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