

Converting Colors

XYZ(19.9225, 20.5123, 23.6781)

Have a look what the booklet for
XYZ(19.9225, 20.5123, 23.6781)
contains.

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Color

**XYZ(19.9225, 20.5123,
23.6781)**

Conversions

Conversions Part 1

Format	Color
Hex	7F7C81
RGB	127, 124, 129
RGB Percent	50%, 49%, 51%
CMY	0.5020, 0.5137, 0.4941
CMYK	0.02, 0.04, 0.00, 0.49
HSL	276°, 2%, 50%
HSV	276°, 4%, 51%
XYZ	19.9225, 20.5123, 23.6781
YIQ	125.4670, 0.1830, 2.1910

Conversions

Conversions Part 2

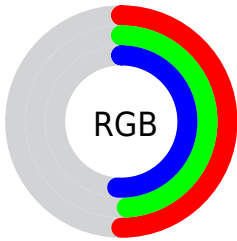
Format	Color
RYB	127, 124, 129
Decimal	8354945
CIELab	52.41, 2.13, -2.32
CIElCh	52, 3.151, 312.603
Yxy	20.5123, 0.3107, 0.3199
Android (android.graphics.Color)	4286545025 (0xFF7F7C81)
YUV	125.4670, 1.7418, 1.3444
Hunter-Lab	45.2905, -0.7394, 0.7063

Details

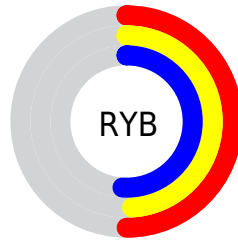
The XYZ color **19.9225, 20.5123, 23.6781** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.0933, 21.5919, 22.1784**, and the grayscale version is **19.6453, 20.6683, 22.5078**.

A 20% lighter version of the original color is **42.7912, 44.1314, 50.5188**, and **7.1059, 7.2310, 8.6106** is the 20% darker color. If you saturate the color by 10%, you get **17.6615, 17.1022, 23.1394**, and if you desaturate by 10%, it is **22.4356, 24.3675, 24.2901**.

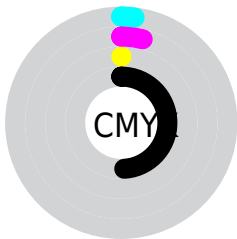
Distribution



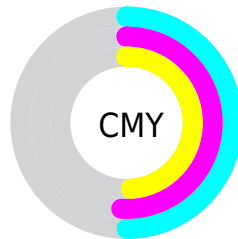
- Red (50%)
- Green (49%)
- Blue (51%)



- Red (50%)
- Yellow (49%)
- Blue (51%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (49%)



- Cyan (50%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.9225, 20.5123, 23.6781 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 19.9225, 20.5123, 23.6781 by changing the saturation by 10% instead.

■ 19.9225, 20.5123,
23.6781

■ 19.9225, 20.5123,
23.6781

244.3368,
254.6752, 284.4230

■ 12.4467, 12.7680,
14.8850

■ 42.7921, 44.2744,
50.4416

■ 7.1230, 7.2690,
8.5930

■ 58.9167, 61.0611,
69.2491

■ 3.5862, 3.6309,
4.3835

■ 78.6548, 81.6305,
92.2319

■ 1.4708, 1.4693,
1.8380

102.3718,
106.3673, 119.8084

■ 0.3058, 0.2670,
0.4529

130.4332,
135.6558, 152.3972

■ 0.0000, 0.0000,
0.0000

163.2043,

169.8803, 190.4169

201.0504,
209.4253, 234.2860

■ 19.9225, 20.5123,
23.6781

■ 19.9225, 20.5123,
23.6781

■ 17.6615, 17.1022,
23.1394

■ 22.4356, 24.3675,
24.2901

■ 15.6420, 14.1180,
22.6698

■ 25.2073, 28.6808,
24.9765

■ 13.8555, 11.5428,
22.2669

■ 28.2461, 33.4681,
25.7404

■ 12.2920, 9.3579,
21.9276

■ 31.5594, 38.7435,
26.5841

■ 10.9408, 7.5426,
21.6484

■ 35.1546, 44.5208,
27.5097

■ 9.7902, 6.0748,
21.4257

■ 39.0384, 50.8130,
28.5195

■ 8.8274, 4.9296,
21.2554

■ 43.2177, 57.6327,
29.6156

■ 8.0378, 4.0786,
21.1328

■ 47.6989, 64.9920,
30.7999

■ 7.4027, 3.4858,
21.0518

■ 52.4881, 72.9028,
32.0744

Harmonies

Analogous

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



19.6330, 20.5123, 24.1273



19.9225, 20.5123, 23.6781



20.0989, 20.5123, 22.8739

Triad

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



19.9225, 20.5123, 23.6781



19.6838, 20.5123, 20.6694



18.8927, 20.5123, 22.7273

Complementary

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



19.9225, 20.5123, 23.6781



20.0933, 21.5919, 22.1784

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.



18.9059, 20.5123, 21.8035



19.9225, 20.5123, 23.6781



19.3603, 20.5123, 20.6326

Square

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



19.9225, 20.5123, 23.6781



19.9600, 20.5123, 21.1444



19.0763, 20.5123, 21.0425



19.0399, 20.5123, 23.5682

Rectangle

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



19.9225, 20.5123, 23.6781



20.1274, 20.5123, 22.2532



19.0763, 20.5123, 21.0425



18.8786, 20.5123, 22.4158

Sweetspot

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



19.9231, 20.5132, 23.6785



36.9136, 38.6196, 42.7013



19.7469, 20.8139, 23.7459



8.3625, 8.7525, 9.6670



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.



19.9231, 20.5132, 23.6785



35.1498, 35.9322, 42.2755



20.1963, 20.6572, 23.5471



4.5306, 4.6224, 5.4667



6.8824, 3.1017, 20.4859



0.0000, 0.0000, 0.0000

Inverse Universe

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



20.0275, 20.5897, 22.6583



35.3968, 36.1129, 39.8738



19.8277, 21.4519, 22.3038



4.5647, 4.6473, 5.1359



9.4250, 4.7897, 3.5618



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.9225, 20.5123, 23.6781 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 19.9225, 20.5123, 23.6781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

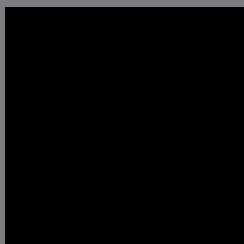
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

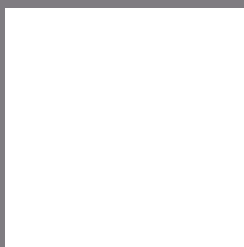
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.9225, 20.5123, 23.6781

Background



This preview shows how black text looks on a background with the XYZ color 19.9225, 20.5123, 23.6781.



This preview shows how white text looks on a background with the XYZ color 19.9225, 20.5123,

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

19.9225, 20.5123, 23.6781

Protanopia

19.7743, 20.4359, 23.6712

Deuteranopia

20.8583, 20.4373, 23.9645



Tritanopia

20.2187, 20.4486, 25.0716

Trichromacy



Original Color

19.9225, 20.5123, 23.6781

Protanomaly

19.7743, 20.4359, 23.6712

Deuteranomaly

20.5045, 20.4363, 23.9830

Tritanomaly

20.1499, 20.4211, 24.7094

Monochromacy



Original Color

19.9225, 20.5123, 23.6781

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

19.7037, 20.6092, 22.6781

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.9225, 20.5123, 23.6781 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(127, 124, 129)` looks like.

```
.text, #text, p{  
    color:rgb(127, 124, 129)  
}
```

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(127, 124, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 124, 129) }
```

Border

The CSS property to change the border of an element to XYZ 19.9225, 20.5123, 23.6781 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(127, 124, 129) }
```


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

```
.border{ border-color:rgb(127, 124, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 124, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 124, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 124, 129);  
box-shadow:4px 4px 4px 4px rgb(127, 124,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 19.9225, 20.5123, 23.6781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 124, 129) }
```

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

```
.background{ background-color: rgb(127,  
124, 129) }
```

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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