

Converting Colors

XYZ(19.5192, 19.6791, 20.6765)

Have a look what the booklet for
XYZ(19.5192, 19.6791, 20.6765)
contains.

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Color

**XYZ(19.4667, 19.6143,
20.5292)**

Conversions

Conversions Part 1

Format	Color
Hex	837878
RGB	131, 120, 120
RGB Percent	51%, 47%, 47%
CMY	0.4863, 0.5294, 0.5294
CMYK	0.00, 0.08, 0.08, 0.49
HSL	0°, 4%, 49%
HSV	0°, 8%, 51%
XYZ	19.4667, 19.6143, 20.5292
YIQ	123.2890, 6.5560, 2.3320

Conversions

Conversions Part 2

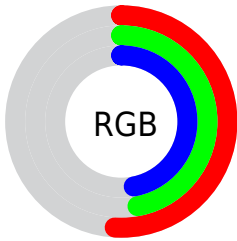
Format	Color
RYB	131, 120, 120
Decimal	8616056
CIELab	51.40, 4.22, 1.52
CIELCh	51, 4.484, 19.823
Yxy	19.6143, 0.3266, 0.3290
Android (android.graphics.Color)	4286806136 (0xFF837878)
YUV	123.2890, -1.6215, 6.7625
Hunter-Lab	44.2880, 0.9552, 3.5184

Details

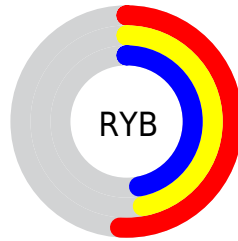
The XYZ color **19.4667, 19.6143, 20.5292** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.9587, 21.8639, 24.6412**, and the grayscale version is **18.9263, 19.9119, 21.6841**.

A 20% lighter version of the original color is **41.9661, 42.6740, 45.0548**, and **6.9667, 6.8964, 7.0949** is the 20% darker color. If you saturate the color by 10%, you get **17.2567, 16.3806, 16.1348**, and if you desaturate by 10%, it is **22.0021, 23.3241, 25.5692**.

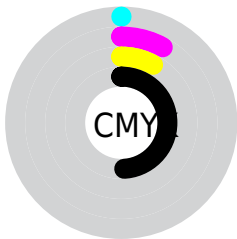
Distribution



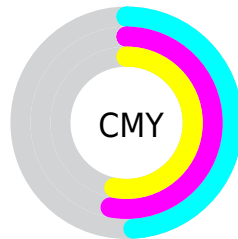
- Red (51%)
- Green (47%)
- Blue (47%)



- Red (51%)
- Yellow (47%)
- Blue (47%)



- Cyan (0%)
- Magenta (8%)
- Yellow (8%)
- Black (49%)



- Cyan (49%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.4667, 19.6143, 20.5292 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 19.4667, 19.6143, 20.5292 by changing the saturation by 10% instead.

■ 19.4667, 19.6143,
20.5292

■ 19.4667, 19.6143,
20.5292

241.9022,
249.8194, 267.4641

■ 12.1140, 12.1150,
12.5924

■ 42.0320, 42.7696,
45.1732

■ 6.8941, 6.8220,
7.0211

■ 57.9754, 59.1943,
62.7176

■ 3.4417, 3.3511,
3.3966

■ 77.5130, 79.3630,
84.3015

■ 1.3914, 1.3176,
1.3006

101.0102,
103.6601, 110.3436

■ 0.2501, 0.1548,
0.0622

128.8323,
132.4698, 141.2624

■ 0.0000, 0.0000,
0.0000

161.3448,

166.1767, 177.4763

198.9130,
205.1651, 219.4041

■ 19.4667, 19.6143,
20.5292

■ 19.4667, 19.6143,
20.5292

■ 17.2567, 16.3806,
16.1348

■ 22.0021, 23.3241,
25.5692

■ 15.3574, 13.6014,
12.3588

■ 24.8735, 27.5256,
31.2782

■ 13.7552, 11.2571,
9.1737

■ 28.0932, 32.2367,
37.6796

■ 12.4353, 9.3257,
6.5498

■ 31.6723, 37.4737,
44.7958

■ 11.3812, 7.7832,
4.4544

■ 35.6215, 43.2521,
52.6478

■ 10.5750, 6.6034,
2.8519

■ 39.9510, 49.5869,
61.2559

■ 9.9964, 5.7566,
1.7018

■ 44.6705, 56.4924,
70.6397

■ 9.6219, 5.2085,
0.9577

■ 49.7895, 63.9823,
80.8178

■ 9.3948, 4.8762,
0.5063

■ 55.3171, 72.0702,
91.8084

Harmonies

Analogous

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



19.5054, 19.6143, 21.7964



19.4667, 19.6143, 20.5292



19.2053, 19.6143, 19.5229

Triad

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



19.4667, 19.6143, 20.5292



17.9910, 19.6143, 19.8011



18.4907, 19.6143, 23.8835

Complementary

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



19.4667, 19.6143, 20.5292



19.9587, 21.8639, 24.6412

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.



18.0914, 19.6143, 23.3017



19.4667, 19.6143, 20.5292



17.8060, 19.6143, 20.9228

Square

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



19.4667, 19.6143, 20.5292



18.3516, 19.6143, 19.1144



17.8425, 19.6143, 22.2060



18.9371, 19.6143, 23.7677

Rectangle

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



19.4667, 19.6143, 20.5292



18.9421, 19.6143, 19.1192



17.8425, 19.6143, 22.2060



18.3467, 19.6143, 23.7621

Sweetspot

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



19.4672, 19.6152, 20.5296



37.2060, 38.5570, 41.4253



20.1735, 19.8972, 24.2502



8.5839, 8.8621, 9.4888



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.



19.4672, 19.6152, 20.5296



34.0926, 34.0013, 35.2354



20.1476, 20.9758, 20.7564



4.6726, 4.6889, 4.8881



9.2139, 4.7504, 0.4313



0.0319, 0.0165, 0.0015

Inverse Universe

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



19.9587, 21.8639, 24.6412



35.1520, 38.8493, 44.0991



19.2398, 20.4262, 24.4016



4.8015, 5.2787, 5.9666



12.0180, 17.5838, 23.8973



0.0416, 0.0609, 0.0828

Previews

White Background



This preview shows how the XYZ color 19.4667, 19.6143, 20.5292 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 19.4667, 19.6143, 20.5292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

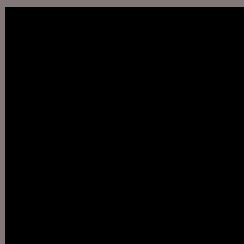
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

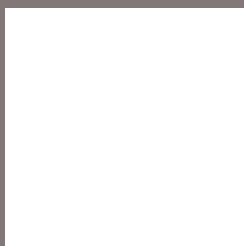
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 19.4667, 19.6143, 20.5292

Background



This preview shows how black text looks on a background with the XYZ color 19.4667, 19.6143, 20.5292.



This preview shows how white text looks on a background with the XYZ color 19.4667, 19.6143,

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

19.4667, 19.6143, 20.5292

Protanopia

18.8682, 19.6595, 20.8894

Deuteranopia

19.9787, 19.7006, 20.5189



Tritanopia

20.0088, 19.6577, 23.1618

Trichromacy



Original Color

19.4667, 19.6143, 20.5292

Protanomaly

19.0410, 19.5672, 20.8624

Deuteranomaly

19.8185, 19.6181, 20.5114

Tritanomaly

19.8142, 19.5799, 22.1370

Monochromacy



Original Color

19.4667, 19.6143, 20.5292

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.0766, 19.7598, 21.2209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.4667, 19.6143, 20.5292 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(131, 120, 120) looks like.

```
.text, #text, p{  
    color:rgb(131, 120, 120)  
}
```

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(131, 120, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 120, 120) }
```

Border

The CSS property to change the border of an element to XYZ 19.4667, 19.6143, 20.5292 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(131, 120, 120) }
```


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

```
.border{ border-color:rgb(131, 120, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 120, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 120, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 120, 120);  
box-shadow:4px 4px 4px 4px rgb(131, 120,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 19.4667, 19.6143, 20.5292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 120, 120) }
```

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

```
.background{ background-color: rgb(131,  
120, 120) }
```

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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