

Converting Colors

XYZ(19.2548, 19.2707, 20.8328)

Have a look what the booklet for
XYZ(19.2548, 19.2707, 20.8328)
contains.

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Color

**XYZ(19.2539, 19.3200,
20.8035)**

Conversions

Conversions Part 1

Format	Color
Hex	827779
RGB	130, 119, 121
RGB Percent	51%, 47%, 47%
CMY	0.4902, 0.5333, 0.5255
CMYK	0.00, 0.08, 0.07, 0.49
HSL	349°, 4%, 49%
HSV	349°, 8%, 51%
XYZ	19.2539, 19.3200, 20.8035
YIQ	122.5170, 5.9140, 2.9540

Conversions

Conversions Part 2

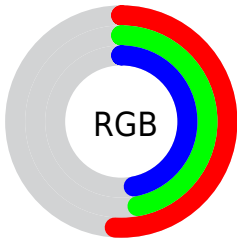
Format	Color
R_{YB}	130, 119, 121
Decimal	8550265
CIE _{Lab}	51.06, 4.60, 0.43
CIE _{LCh}	51, 4.620, 5.314
Yxy	19.3200, 0.3243, 0.3254
Android (android.graphics.Color)	4286740345 (0xFF827779)
YUV	122.5170, -0.7479, 6.5626
Hunter-Lab	43.9545, 1.2700, 2.7064

Details

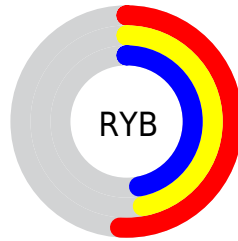
The XYZ color **19.2539, 19.3200, 20.8035** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.4874, 21.4461, 23.5355**, and the grayscale version is **18.6693, 19.6416, 21.3897**.

A 20% lighter version of the original color is **41.6342, 42.2102, 45.4882**, and **6.8492, 6.7368, 7.2427** is the 20% darker color. If you saturate the color by 10%, you get **17.1946, 16.1883, 17.0738**, and if you desaturate by 10%, it is **21.5979, 22.9054, 24.9836**.

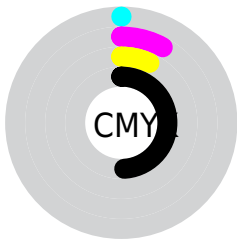
Distribution



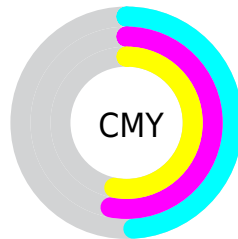
- Red (51%)
- Green (47%)
- Blue (47%)



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



- Cyan (0%)
- Magenta (8%)
- Yellow (7%)
- Black (49%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.2539, 19.3200, 20.8035 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 19.2539, 19.3200, 20.8035 by changing the saturation by 10% instead.

■ 19.2539, 19.3200,
20.8035

■ 19.2539, 19.3200,
20.8035

240.7582,
248.2097, 268.9790

■ 11.9590, 11.9017,
12.7906

■ 41.6763, 42.2741,
45.6368

■ 6.7877, 6.6768,
7.1555

■ 57.5344, 58.5788,
63.2943

■ 3.3749, 3.2608,
3.4796

■ 76.9777, 78.6143,
85.0037

■ 1.3550, 1.2694,
1.3444

100.3714,
102.7652, 111.1837

■ 0.2238, 0.1173,
0.0978

128.0810,
131.4158, 142.2526

■ 0.0000, 0.0000,
0.0000

160.4717,

164.9505, 178.6291

197.9090,
203.7536, 220.7317

■ 19.2539, 19.3200,
20.8035

■ 19.2539, 19.3200,
20.8035

■ 17.1946, 16.1883,
17.0738

■ 21.5979, 22.9054,
24.9836

■ 15.4075, 13.4899,
13.7782

■ 24.2353, 26.9591,
29.6273

■ 13.8816, 11.2064,
10.9012

■ 27.1764, 31.4980,
34.7486

■ 12.6045, 9.3170,
8.4258

■ 30.4304, 36.5374,
40.3608

■ 11.5628, 7.7995,
6.3340

■ 34.0062, 42.0920,
46.4765

■ 10.7417, 6.6290,
4.6062

■ 37.9125, 48.1758,
53.1078

■ 10.1249, 5.7780,
3.2214

■ 42.1574, 54.8024,
60.2666

■ 9.6936, 5.2143,
2.1558

■ 46.7488, 61.9849,
67.9641

■ 9.4059, 4.8606,
1.3764

■ 51.6945, 69.7357,
76.2115

Harmonies

Analogous

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



19.1749, 19.3200, 22.1071



19.2539, 19.3200, 20.8035



19.0910, 19.3200, 19.6118

Triad

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



19.2539, 19.3200, 20.8035



17.8587, 19.3200, 19.0447



17.9978, 19.3200, 23.4118

Complementary

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



19.2539, 19.3200, 20.8035



19.4874, 21.4461, 23.5355

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.



17.6539, 19.3200, 22.5279



19.2539, 19.3200, 20.8035



17.5745, 19.3200, 20.0004

Square

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



19.2539, 19.3200, 20.8035



18.2816, 19.3200, 18.6237



17.5002, 19.3200, 21.2706



18.4448, 19.3200, 23.6485

Rectangle

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



19.2539, 19.3200, 20.8035



18.8688, 19.3200, 19.0299



17.5002, 19.3200, 21.2706



17.8665, 19.3200, 23.1788

Sweetspot

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



19.2544, 19.3208, 20.8039



36.0702, 37.3278, 40.5055



19.5262, 19.3942, 23.8335



8.0961, 8.3446, 9.0465



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.



19.2544, 19.3208, 20.8039



33.2315, 32.9933, 35.4192



19.5553, 20.1165, 20.3061



4.3572, 4.3560, 4.6856



8.9833, 4.6130, 1.2358



0.0000, 0.0000, 0.0000

Inverse Universe

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



19.2544, 19.3208, 20.8039



33.2315, 32.9933, 35.4192



19.1648, 20.5884, 24.0830



4.3572, 4.3560, 4.6856



8.9833, 4.6130, 1.2358



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 19.2539, 19.3200, 20.8035 looks on a white background.

Color Contrast Check

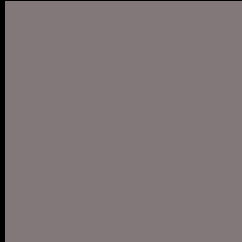
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.2539, 19.3200, 20.8035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

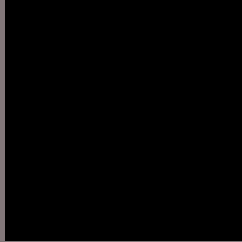
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 19.2539, 19.3200, 20.8035

Background



This preview shows how black text looks on a background with the XYZ color 19.2539, 19.3200, 20.8035.



This preview shows how white text looks on a background with the XYZ color 19.2539, 19.3200,

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

19.2539, 19.3200, 20.8035

Protanopia

18.6624, 19.3650, 21.1666

Deuteranopia

19.6025, 19.3239, 20.7859



Tritanopia

19.6693, 19.3145, 22.7701

Trichromacy



Original Color

19.2539, 19.3200, 20.8035

Protanomaly

18.8335, 19.2737, 21.1399

Deuteranomaly

19.4453, 19.2429, 20.7785

Tritanomaly

19.5402, 19.2628, 22.0903

Monochromacy



Original Color

19.2539, 19.3200, 20.8035

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 19.2539, 19.3200, 20.8035 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, 119, 121)` looks like.

```
.text, #text, p{  
    color:rgb(130, 119, 121)  
}
```

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, 119, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 119, 121) }
```

Border

The CSS property to change the border of an element to XYZ 19.2539, 19.3200, 20.8035 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, 119, 121) }
```


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

```
.border{ border-color:rgb(130, 119, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 119, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 119, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 119, 121);  
box-shadow:4px 4px 4px 4px rgb(130, 119,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 19.2539, 19.3200, 20.8035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 119, 121) }
```

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

```
.background{ background-color: rgb(130,  
119, 121) }
```

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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