

Converting Colors

XYZ(19.6025, 19.3238, 20.7860)

Have a look what the booklet for
XYZ(19.6025, 19.3238, 20.7860)
contains.

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Color

**XYZ(19.6025, 19.3239,
20.7859)**

Conversions

Conversions Part 1

Format	Color
Hex	857679
RGB	133, 118, 121
RGB Percent	52%, 46%, 47%
CMY	0.4784, 0.5372, 0.5255
CMYK	0.00, 0.11, 0.09, 0.48
HSL	348°, 6%, 49%
HSV	348°, 11%, 52%
XYZ	19.6025, 19.3239, 20.7859
YIQ	122.8270, 7.9770, 4.1130

Conversions

Conversions Part 2

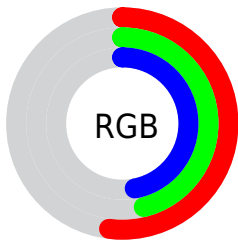
Format	Color
R_{YB}	133, 118, 121
Decimal	8746617
CIE _{Lab}	51.06, 6.34, 0.47
CIE _{LCh}	51, 6.360, 4.222
Yxy	19.3239, 0.3283, 0.3236
Android (android.graphics.Color)	4286936697 (0xFF857679)
YUV	122.8270, -0.9007, 8.9217
Hunter-Lab	43.9590, 2.6698, 2.7361

Details

The XYZ color **19.6025, 19.3239, 20.7859** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.8888, 22.2388, 24.3645**, and the grayscale version is **18.7712, 19.7488, 21.5064**.

A 20% lighter version of the original color is **42.1673, 42.2057, 45.4592**, and **6.9600, 6.7004, 7.2298** is the 20% darker color. If you saturate the color by 10%, you get **17.5284, 16.1630, 17.0505**, and if you desaturate by 10%, it is **21.9705, 22.9570, 24.9750**.

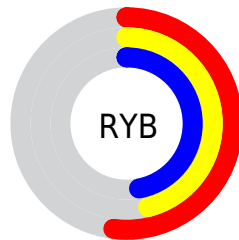
Distribution



Red (52%)

Green (46%)

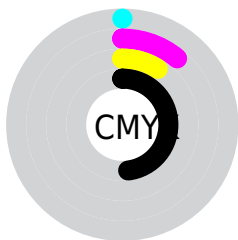
Blue (47%)



Red (52%)

Yellow (46%)

Blue (47%)

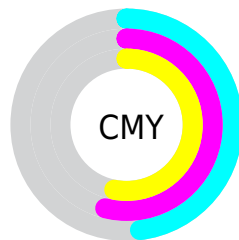


Cyan (0%)

Magenta (11%)

Yellow (9%)

Black (48%)



Cyan (48%)

Magenta (54%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.6025, 19.3239, 20.7859 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 19.6025, 19.3239, 20.7859 by changing the saturation by 10% instead.

■ 19.6025, 19.3239,
20.7859

■ 19.6025, 19.3239,
20.7859

242.6298,
248.2311, 268.8820

■ 12.2130, 11.9046,
12.7779

■ 42.2588, 42.2807,
45.6071

■ 6.9621, 6.6787,
7.1468

■ 58.2563, 58.5869,
63.2573

■ 3.4846, 3.2620,
3.4743

■ 77.8538, 78.6243,
84.9588

■ 1.4149, 1.2700,
1.3416

101.4168,
102.7771, 111.1299

■ 0.2668, 0.1178,
0.0955

129.3105,
131.4298, 142.1892

■ 0.0000, 0.0000,
0.0000

161.9004,

164.9668, 178.5553

199.5517,
203.7724, 220.6468

■ 19.6025, 19.3239,
20.7859

■ 19.6025, 19.3239,
20.7859

■ 17.5284, 16.1630,
17.0505

■ 21.9705, 22.9570,
24.9750

■ 15.7352, 13.4525,
13.7523

■ 24.6418, 27.0780,
29.6311

■ 14.2110, 11.1726,
10.8754

■ 27.6270, 31.7049,
34.7686

■ 12.9427, 9.3009,
8.4027

■ 30.9362, 36.8541,
40.4007

■ 11.9160, 7.8133,
6.3157

■ 34.5787, 42.5414,
46.5404

■ 11.1149, 6.6828,
4.5947

■ 38.5635, 48.7816,
53.1999

■ 10.5218, 5.8790,
3.2179

■ 42.8992, 55.5892,
60.3913

■ 10.1161, 5.3666,
2.1611

■ 47.5943, 62.9780,
68.1259

■ 9.8660, 5.0638,
1.4692

■ 52.6567, 70.9615,
76.4149

Harmonies

Analogous

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



19.4802, 19.3239, 22.5867



19.6025, 19.3239, 20.7859



19.3875, 19.3239, 19.1477

Triad

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



19.6025, 19.3239, 20.7859



17.6934, 19.3239, 18.2982



17.8446, 19.3239, 24.3242

Complementary

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



19.6025, 19.3239, 20.7859



19.8888, 22.2388, 24.3645

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.



17.3825, 19.3239, 23.0540



19.6025, 19.3239, 20.7859



17.2966, 19.3239, 19.5664

Square

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



19.6025, 19.3239, 20.7859



18.2777, 19.3239, 17.7644



17.1841, 19.3239, 21.2971



18.4562, 19.3239, 24.6963

Rectangle

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



19.6025, 19.3239, 20.7859



19.0847, 19.3239, 18.3476



17.1841, 19.3239, 21.2971



17.6671, 19.3239, 23.9847

Sweetspot

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



19.6030, 19.3248, 20.7863



38.5452, 39.8818, 43.3197



19.9186, 19.3970, 24.8847



8.6109, 8.8728, 9.6309



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.



19.6030, 19.3248, 20.7863



33.9200, 32.7964, 35.1040



19.9646, 20.3375, 20.0139



4.7078, 4.7028, 5.0738



9.4000, 4.8243, 1.4127



0.0347, 0.0176, 0.0162

Inverse Universe

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



19.6030, 19.3248, 20.7863



33.9200, 32.7964, 35.1040



19.4901, 21.1148, 25.2389



4.7078, 4.7028, 5.0738



9.4000, 4.8243, 1.4127



0.0347, 0.0176, 0.0162

Previews

White Background



This preview shows how the XYZ color 19.6025, 19.3239, 20.7859 looks on a white background.

Color Contrast Check

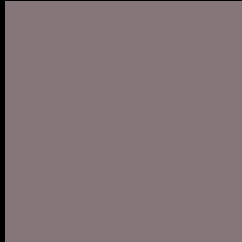
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.6025, 19.3239, 20.7859 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 19.6025, 19.3239, 20.7859

Background



This preview shows how black text looks on a background with the XYZ color 19.6025, 19.3239, 20.7859.



This preview shows how white text looks on a background with the XYZ color 19.6025, 19.3239,

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

19.6025, 19.3239, 20.7859

Protanopia

18.5809, 19.3158, 21.4879

Deuteranopia

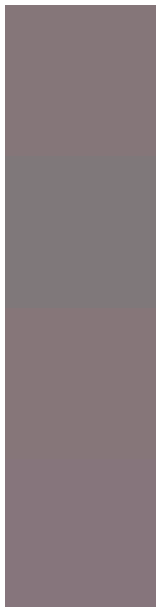
19.7611, 19.4057, 20.7933



Tritanopia

19.9587, 19.2973, 22.4115

Trichromacy



Original Color

19.6025, 19.3239, 20.7859

Protanomaly

18.9817, 19.3501, 21.1469

Deuteranomaly

19.7611, 19.4057, 20.7933

Tritanomaly

19.8309, 19.2461, 21.7385

Monochromacy



Original Color

19.6025, 19.3239, 20.7859

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.1026, 19.5919, 21.1872

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.6025, 19.3239, 20.7859 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(133, 118, 121)` looks like.

```
.text, #text, p{  
    color:rgb(133, 118, 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(133, 118, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 118, 121) }
```

Border

The CSS property to change the border of an element to XYZ 19.6025, 19.3239, 20.7859 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(133, 118, 121) }
```


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

```
.border{ border-color:rgb(133, 118, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 118, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 118, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 118, 121);  
box-shadow:4px 4px 4px 4px rgb(133, 118,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 19.6025, 19.3239, 20.7859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 118, 121) }
```

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

```
.background{ background-color: rgb(133,  
118, 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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