

Converting Colors

XYZ(20.0333, 19.6659, 23.4044)

Have a look what the booklet for
XYZ(20.0333, 19.6659, 23.4044)
contains.

XYZ(20.0750, 19.6842, 23.5102)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(20.0750, 19.6842,
23.5102)**

Conversions

Conversions Part 1

Format	Color
Hex	847781
RGB	132, 119, 129
RGB Percent	52%, 47%, 51%
CMY	0.4823, 0.5333, 0.4941
CMYK	0.00, 0.10, 0.02, 0.48
HSL	314°, 5%, 49%
HSV	314°, 10%, 52%
XYZ	20.0750, 19.6842, 23.5102
YIQ	124.0270, 4.5380, 5.8660

Conversions

Conversions Part 2

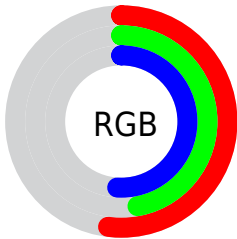
Format	Color
R_{YB}	132, 119, 129
Decimal	8681345
CIE _{Lab}	51.48, 6.91, -3.64
CIE _{LCh}	51, 7.813, 332.203
Y _{xy}	19.6842, 0.3173, 0.3111
Android (android.graphics.Color)	4286871425 (0xFF847781)
Y _{UV}	124.0270, 2.4517, 6.9923
Hunter-Lab	44.3669, 3.1251, -0.3612

Details

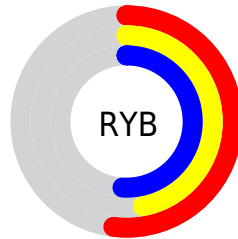
The XYZ color **20.0750, 19.6842, 23.5102** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.3727, 21.8301, 21.6061**, and the grayscale version is **19.1587, 20.1564, 21.9504**.

A 20% lighter version of the original color is **43.0140, 42.8175, 50.2535**, and **7.2685, 6.9247, 8.5429** is the 20% darker color. If you saturate the color by 10%, you get **18.4125, 16.6783, 21.9718**, and if you desaturate by 10%, it is **21.9628, 23.1306, 25.1540**.

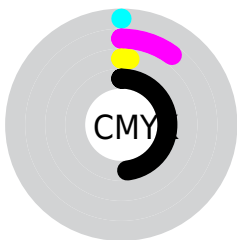
Distribution



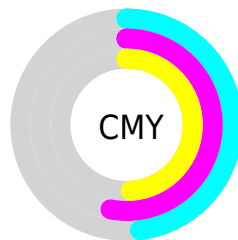
- Red (52%)
- Green (47%)
- Blue (51%)



- Red (52%)
- Yellow (47%)
- Blue (51%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (48%)



- Cyan (48%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.0750, 19.6842, 23.5102 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 20.0750, 19.6842, 23.5102 by changing the saturation by 10% instead.

■ 20.0750, 19.6842,
23.5102

■ 20.0750, 19.6842,
23.5102

245.1467,
250.2003, 283.5411

■ 12.5582, 12.1657,
14.7619

■ 43.0459, 42.8871,
50.1635

■ 7.1999, 6.8566,
8.5077

■ 59.2306, 59.3403,
68.9055

■ 3.6349, 3.3726,
4.3291

■ 79.0354, 79.5404,
91.8159

■ 1.4977, 1.3292,
1.8076

102.8255,
103.8720, 119.3131

■ 0.3243, 0.1637,
0.4329

130.9663,
132.7194, 151.8156

■ 0.0000, 0.0000,
0.0000

163.8232,

166.4670, 189.7422

201.7616,
205.4992, 233.5111

■ 20.0750, 19.6842,
23.5102

■ 20.0750, 19.6842,
23.5102

■ 18.4125, 16.6783,
21.9718

■ 21.9628, 23.1306,
25.1540

■ 16.9648, 14.0926,
20.5344

■ 24.0828, 27.0319,
26.9049

■ 15.7227, 11.9086,
19.1947

■ 26.4436, 31.4048,
28.7664

■ 14.6759, 10.1058,
17.9492

■ 29.0528, 36.2647,
30.7413

■ 13.8131, 8.6617,
16.7938

■ 31.9176, 41.6259,
32.8322

■ 13.1218, 7.5515,
15.7241

■ 35.0452, 47.5025,
35.0417

■ 12.5881, 6.7471,
14.7350

■ 38.4421, 53.9077,
37.3723

■ 12.1956, 6.2161,
13.8210

■ 42.1150, 60.8545,
39.8263

■ 11.8955, 5.8610,
12.9655

■ 46.0700, 68.3553,
42.4062

Harmonies

Analogous

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



19.5243, 19.6842, 25.2982



20.0750, 19.6842, 23.5102



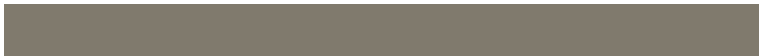
20.2567, 19.6842, 21.2671

Triad

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



20.0750, 19.6842, 23.5102



18.6513, 19.6842, 17.4008



17.4622, 19.6842, 23.8174

Complementary

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



20.0750, 19.6842, 23.5102



19.3727, 21.8301, 21.6061

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.



17.2426, 19.6842, 21.5992



20.0750, 19.6842, 23.5102



17.9171, 19.6842, 17.9826

Square

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



20.0750, 19.6842, 23.5102



19.4212, 19.6842, 17.8353



17.4069, 19.6842, 19.4814



18.0149, 19.6842, 25.4841

Rectangle

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



20.0750, 19.6842, 23.5102



20.1402, 19.6842, 19.8420



17.4069, 19.6842, 19.4814



17.3477, 19.6842, 23.1064

Sweetspot

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



20.0756, 19.6851, 23.5106



37.5723, 38.7032, 43.3554



18.7626, 18.9848, 24.5056



8.6892, 8.9042, 10.0436



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.



20.0756, 19.6851, 23.5106



34.6176, 33.3225, 40.7404



19.6686, 19.5223, 21.3675



4.8131, 4.7449, 5.6283



11.5154, 5.6705, 12.5522



0.0427, 0.0208, 0.0581

Inverse Universe

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



20.0756, 19.6851, 23.5106



34.6176, 33.3225, 40.7404



19.7769, 21.9918, 23.7346



4.8131, 4.7449, 5.6283



11.5154, 5.6705, 12.5522



0.0427, 0.0208, 0.0581

Previews

White Background



This preview shows how the XYZ color 20.0750, 19.6842, 23.5102 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 20.0750, 19.6842, 23.5102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

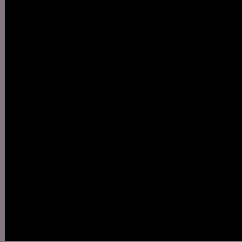
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.0750, 19.6842, 23.5102

Background



This preview shows how black text looks on a background with the XYZ color 20.0750, 19.6842, 23.5102.



This preview shows how white text looks on a background with the XYZ color 20.0750, 19.6842,

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

20.0750, 19.6842, 23.5102

Protanopia

19.2246, 19.7687, 24.2752

Deuteranopia

20.0750, 19.6842, 23.5102



Tritanopia

20.0088, 19.6577, 23.1618

Trichromacy



Original Color

20.0750, 19.6842, 23.5102

Protanomaly

19.4708, 19.7221, 23.8996

Deuteranomaly

20.0750, 19.6842, 23.5102

Tritanomaly

20.0088, 19.6577, 23.1618

Monochromacy



Original Color

20.0750, 19.6842, 23.5102

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.4778, 19.9375, 22.5604

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.0750, 19.6842, 23.5102 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(132, 119, 129)` looks like.

```
.text, #text, p{  
    color:rgb(132, 119, 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(132, 119, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 119, 129) }
```

Border

The CSS property to change the border of an element to XYZ 20.0750, 19.6842, 23.5102 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(132, 119, 129) }
```


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

```
.border{ border-color:rgb(132, 119, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 119, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 119, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 119, 129);  
box-shadow:4px 4px 4px 4px rgb(132, 119,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 20.0750, 19.6842, 23.5102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 119, 129) }
```

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

```
.background{ background-color: rgb(132,  
119, 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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