

Converting Colors

XYZ(20.7864, 19.1249, 23.3335)

Have a look what the booklet for
XYZ(20.7864, 19.1249, 23.3335)
contains.

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Color

**XYZ(20.7950, 19.1951,
23.3779)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7281
RGB	140, 114, 129
RGB Percent	55%, 45%, 51%
CMY	0.4510, 0.5529, 0.4941
CMYK	0.00, 0.19, 0.08, 0.45
HSL	325°, 10%, 50%
HSV	325°, 19%, 55%
XYZ	20.7950, 19.1951, 23.3779
YIQ	123.4840, 10.6810, 10.1770

Conversions

Conversions Part 2

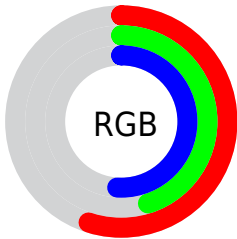
Format	Color
R_{YB}	140, 114, 129
Decimal	9204353
CIE _{Lab}	50.91, 12.86, -4.39
CIE _{LCh}	51, 13.588, 341.151
Yxy	19.1951, 0.3282, 0.3029
Android (android.graphics.Color)	4287394433 (0xFF8C7281)
YUV	123.4840, 2.7194, 14.4845
Hunter-Lab	43.8122, 8.0518, -0.9682

Details

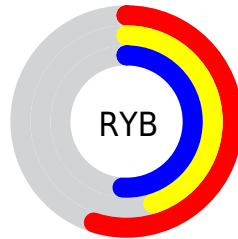
The XYZ color **20.7950, 19.1951, 23.3779** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.0200, 23.8148, 22.9447**, and the grayscale version is **18.9760, 19.9642, 21.7411**.

A 20% lighter version of the original color is **44.3278, 42.1192, 50.0495**, and **7.6126, 6.6493, 8.4716** is the 20% darker color. If you saturate the color by 10%, you get **18.9528, 16.1225, 20.8772**, and if you desaturate by 10%, it is **22.9028, 22.7620, 26.0802**.

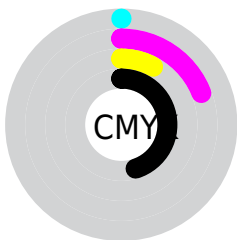
Distribution



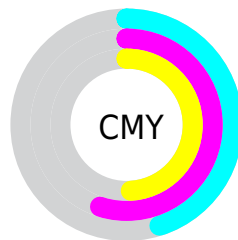
- Red (55%)
- Green (45%)
- Blue (51%)



- Red (55%)
- Yellow (45%)
- Blue (51%)



- Cyan (0%)
- Magenta (19%)
- Yellow (8%)
- Black (45%)



- Cyan (45%)
- Magenta (55%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.7950, 19.1951, 23.3779 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 20.7950, 19.1951, 23.3779 by changing the saturation by 10% instead.

■ 20.7950, 19.1951,
23.3779

■ 20.7950, 19.1951,
23.3779

248.9394,
247.5237, 282.8446

■ 13.0858, 11.8113,
14.6649

■ 44.2400, 42.0635,
49.9441

■ 7.5651, 6.6153,
8.4405

■ 60.7065, 58.3170,
68.6344

■ 3.8674, 3.2227,
4.2863

■ 80.8228, 78.2957,
91.4875

■ 1.6274, 1.2491,
1.7837

■ 104.9543,
102.3843, 118.9221

■ 0.4102, 0.1013,
0.4172

133.4664,
130.9669, 151.3565

■ 0.0000, 0.0000,
0.0000

166.7244,

164.4281, 189.2093

205.0936,
203.1523, 232.8992

■ 20.7950, 19.1951,
23.3779

■ 20.7950, 19.1951,
23.3779

■ 18.9528, 16.1225,
20.8772

■ 22.9028, 22.7620,
26.0802

■ 17.3633, 13.5196,
18.5714

■ 25.2853, 26.8412,
28.9883

■ 16.0148, 11.3634,
16.4546

■ 27.9530, 31.4532,
32.1078

■ 14.8941, 9.6282,
14.5206

■ 30.9154, 36.6163,
35.4436

■ 13.9866, 8.2853,
12.7625

■ 34.1817, 42.3481,
39.0004

■ 13.2759, 7.3027,
11.1726

■ 37.7603, 48.6655,
42.7828

■ 12.7429, 6.6431,
9.7424

■ 41.6598, 55.5845,
46.7953

■ 12.3453, 6.2223,
8.4556

■ 45.8880, 63.1205,
51.0421

■ 12.2917, 6.1661,
8.2805

■ 50.4527, 71.2886,
55.5273

Harmonies

Analogous

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



19.9943, 19.1951, 26.9683



20.7950, 19.1951, 23.3779



20.8929, 19.1951, 19.5043

Triad

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



20.7950, 19.1951, 23.3779



17.7502, 19.1951, 14.4600



16.3709, 19.1951, 26.1460

Complementary

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



20.7950, 19.1951, 23.3779



20.0200, 23.8148, 22.9447

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.



15.8297, 19.1951, 22.3611



20.7950, 19.1951, 23.3779



16.5997, 19.1951, 15.8183

Square

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



20.7950, 19.1951, 23.3779



19.0902, 19.1951, 14.6616



15.9113, 19.1951, 18.6041



17.4239, 19.1951, 28.6967

Rectangle

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



20.7950, 19.1951, 23.3779



20.5412, 19.1951, 17.3082



15.9113, 19.1951, 18.6041



16.1254, 19.1951, 24.9577

Sweetspot

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



20.7956, 19.1959, 23.3783



41.3590, 41.8020, 47.1988



19.1849, 18.2765, 27.3278



9.4783, 9.5437, 10.8116



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



20.7956, 19.1959, 23.3783



35.3436, 31.6317, 39.4579



19.9953, 18.8759, 19.1644



5.1458, 5.0938, 5.8565



10.9316, 5.4828, 7.4101



0.0800, 0.0394, 0.0879

Inverse Universe

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



20.7956, 19.1959, 23.3783



35.3436, 31.6317, 39.4579



20.8935, 24.1642, 27.5448



5.1458, 5.0938, 5.8565



10.9316, 5.4828, 7.4101



0.0800, 0.0394, 0.0879

Previews

White Background



This preview shows how the XYZ color 20.7950, 19.1951, 23.3779 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 20.7950, 19.1951, 23.3779 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 20.7950, 19.1951, 23.3779

Background



This preview shows how black text looks on a background with the XYZ color 20.7950, 19.1951, 23.3779.



This preview shows how white text looks on a background with the XYZ color 20.7950, 19.1951,

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

20.7950, 19.1951, 23.3779

Protanopia

18.8167, 19.3613, 24.9357

Deuteranopia

19.5806, 19.2612, 23.1078



Tritanopia

20.4163, 19.2057, 21.6998

Trichromacy



Original Color

20.7950, 19.1951, 23.3779

Protanomaly

19.3957, 19.1348, 24.5009

Deuteranomaly

20.0891, 19.3494, 23.0981

Tritanomaly

20.5441, 19.2568, 22.3728

Monochromacy



Original Color

20.7950, 19.1951, 23.3779

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.4714, 19.5807, 22.1552

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.7950, 19.1951, 23.3779 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(140, 114, 129)` looks like.

```
.text, #text, p{  
    color:rgb(140, 114, 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(140, 114, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 114, 129) }
```

Border

The CSS property to change the border of an element to XYZ 20.7950, 19.1951, 23.3779 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(140, 114, 129) }
```


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

```
.border{ border-color:rgb(140, 114, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 114, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 114, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 114, 129);  
box-shadow:4px 4px 4px 4px rgb(140, 114,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 20.7950, 19.1951, 23.3779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 114, 129) }
```

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

```
.background{ background-color: rgb(140,  
114, 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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