

Converting Colors

XYZ(20.0893, 21.3324, 23.8989)

Have a look what the booklet for
XYZ(20.0893, 21.3324, 23.8989)
contains.

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Color

**XYZ(20.1391, 21.3833,
23.8348)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8081
RGB	125, 128, 129
RGB Percent	49%, 50%, 51%
CMY	0.5098, 0.4980, 0.4941
CMYK	0.03, 0.01, 0.00, 0.49
HSL	195°, 2%, 50%
HSV	195°, 3%, 51%
XYZ	20.1391, 21.3833, 23.8348
YIQ	127.2170, -2.1090, -0.3250

Conversions

Conversions Part 2

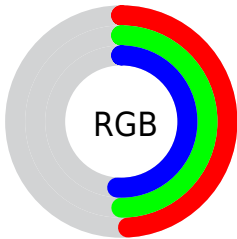
Format	Color
R_{YB}	125, 127, 129
Decimal	8224897
CIE Lab	53.37, -0.91, -0.94
CIE LCh	53, 1.307, 225.851
Yxy	21.3833, 0.3081, 0.3272
Android (android.graphics.Color)	4286414977 (0xFF7D8081)
YUV	127.2170, 0.8790, -1.9443
Hunter-Lab	46.2421, -3.1843, 1.8093

Details

The XYZ color **20.1391, 21.3833, 23.8348** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.2159, 21.0694, 22.4038**, and the grayscale version is **20.2455, 21.2998, 23.1955**.

A 20% lighter version of the original color is **43.3275, 45.8901, 50.8300**, and **7.2244, 7.7077, 8.6964** is the 20% darker color. If you saturate the color by 10%, you get **17.9639, 19.6492, 23.6151**, and if you desaturate by 10%, it is **22.5735, 23.2720, 24.0714**.

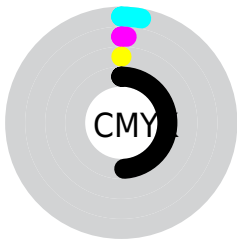
Distribution



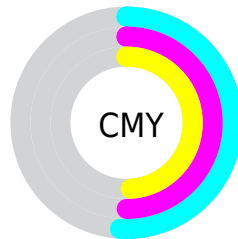
- Red (49%)
- Green (50%)
- Blue (51%)



- Red (49%)
- Yellow (50%)
- Blue (51%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (49%)



- Cyan (51%)
- Magenta (50%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.1391, 21.3833, 23.8348 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 20.1391, 21.3833, 23.8348 by changing the saturation by 10% instead.

■ 20.1391, 21.3833,
23.8348

■ 20.1391, 21.3833,
23.8348

245.4864,
259.3086, 285.2438

■ 12.6050, 13.4045,
15.0001

■ 43.1524, 45.7246,
50.7009

■ 7.2323, 7.7077,
8.6728

■ 59.3624, 62.8558,
69.5694

■ 3.6554, 3.9085,
4.4345

■ 79.1951, 83.8067,
92.6195

■ 1.5091, 1.6225,
1.8666

103.0159,
108.9615, 120.2698

■ 0.3320, 0.3727,
0.4714

131.1900,
138.7047, 152.9389

■ 0.0000, 0.0000,
0.0000

164.0829,

173.4207, 191.0452

202.0599,
213.4938, 235.0073

■ 20.1391, 21.3833,
23.8348

■ 20.1391, 21.3833,
23.8348

■ 17.9639, 19.6492,
23.6151

■ 22.5735, 23.2720,
24.0714

■ 16.0365, 18.0618,
23.4102

■ 25.2742, 25.3173,
24.3238

■ 14.3475, 16.6168,
23.2203

■ 28.2503, 27.5247,
24.5930

■ 12.8862, 15.3083,
23.0448

■ 31.5100, 29.8987,
24.8794

■ 11.6408, 14.1302,
22.8830

■ 35.0610, 32.4433,
25.1834

■ 10.5987, 13.0757,
22.7344

■ 38.9109, 35.1625,
25.5054

■ 9.7456, 12.1373,
22.5983

■ 43.0669, 38.0604,
25.8457

■ 9.0656, 11.3066,
22.4738

■ 47.5358, 41.1406,
26.2047

■ 8.5394, 10.5734,
22.3600

■ 52.3245, 44.4067,
26.5827

Harmonies

Analogous

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



20.0689, 21.3833, 23.4919



20.1391, 21.3833, 23.8348



20.2591, 21.3833, 24.0308

Triad

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



20.1391, 21.3833, 23.8348



20.5837, 21.3833, 23.4699



20.2515, 21.3833, 22.5562

Complementary

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



20.1391, 21.3833, 23.8348



20.2159, 21.0694, 22.4038

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.



20.3894, 21.3833, 22.5504



20.1391, 21.3833, 23.8348



20.5817, 21.3833, 23.0749

Square

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



20.1391, 21.3833, 23.8348



20.5160, 21.3833, 23.8185



20.5104, 21.3833, 22.7393



20.1335, 21.3833, 22.7551

Rectangle

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



20.1391, 21.3833, 23.8348



20.3514, 21.3833, 24.0504



20.5104, 21.3833, 22.7393



20.2970, 21.3833, 22.5316

Sweetspot

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



20.1397, 21.3842, 23.8353



36.9319, 38.9732, 42.7686



20.0697, 21.5655, 22.8213



8.3664, 8.8269, 9.6811



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.



20.1397, 21.3842, 23.8353



35.6578, 37.9732, 42.6427



19.8897, 20.8841, 23.7519



4.5910, 4.8956, 5.5162



8.0182, 9.8549, 21.7295



0.0000, 0.0000, 0.0000

Inverse Universe

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



20.2837, 20.8933, 23.3869



35.9968, 36.8225, 41.5858



20.4658, 21.5691, 22.4871



4.6396, 4.7310, 5.3646



10.9242, 5.3894, 11.4565



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the XYZ color 20.1391, 21.3833, 23.8348 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 20.1391, 21.3833, 23.8348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

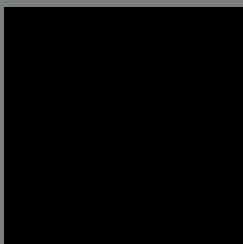
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

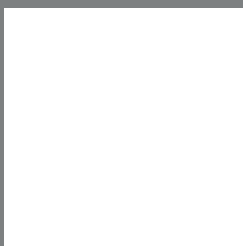
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 20.1391, 21.3833, 23.8348

Background



This preview shows how black text looks on a background with the XYZ color 20.1391, 21.3833, 23.8348.



This preview shows how white text looks on a background with the XYZ color 20.1391, 21.3833,

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

20.1391, 21.3833, 23.8348

Protanopia

20.5389, 21.4044, 23.4710

Deuteranopia

21.5935, 21.1809, 24.0693



Tritanopia

20.7089, 21.4205, 26.7100

Trichromacy



Original Color

20.1391, 21.3833, 23.8348

Protanomaly

20.3877, 21.3265, 23.4639

Deuteranomaly

21.0357, 21.2655, 24.1150

Tritanomaly

20.4966, 21.3356, 25.5921

Monochromacy



Original Color

20.1391, 21.3833, 23.8348

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.0898, 21.1729, 23.4500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.1391, 21.3833, 23.8348 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(125, 128, 129)` looks like.

```
.text, #text, p{  
    color:rgb(125, 128, 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(125, 128, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 128, 129) }
```

Border

The CSS property to change the border of an element to XYZ 20.1391, 21.3833, 23.8348 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(125, 128, 129) }
```


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

```
.border{ border-color:rgb(125, 128, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 128, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 128, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 128, 129);  
box-shadow:4px 4px 4px 4px rgb(125, 128,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 20.1391, 21.3833, 23.8348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 128, 129) }
```

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

```
.background{ background-color: rgb(125,  
128, 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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