

Converting Colors

XYZ(20.2480, 19.5253, 23.8869)

Have a look what the booklet for
XYZ(20.2480, 19.5253, 23.8869)
contains.

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Color

**XYZ(20.3392, 19.6369,
23.8374)**

Conversions

Conversions Part 1

Format	Color
Hex	867682
RGB	134, 118, 130
RGB Percent	53%, 46%, 51%
CMY	0.4745, 0.5372, 0.4902
CMYK	0.00, 0.12, 0.03, 0.47
HSL	315°, 6%, 49%
HSV	315°, 12%, 53%
XYZ	20.3392, 19.6369, 23.8374
YIQ	124.1520, 5.6840, 7.1240

Conversions

Conversions Part 2

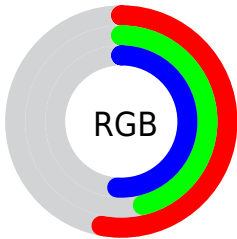
Format	Color
R_YB	134, 118, 130
Decimal	8812162
CIE Lab	51.42, 8.45, -4.29
CIE LCh	51, 9.473, 333.066
Yxy	19.6369, 0.3187, 0.3077
Android (android.graphics.Color)	4287002242 (0xFF867682)
YUV	124.1520, 2.8831, 8.6367
Hunter-Lab	44.3135, 4.3799, -0.8741

Details

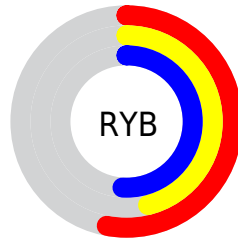
The XYZ color **20.3392, 19.6369, 23.8374** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **19.5099, 22.3074, 21.6909**, and the grayscale version is **19.1987, 20.1985, 21.9962**.

A 20% lighter version of the original color is **43.4155, 42.7331, 50.7598**, and **7.3315, 6.8592, 8.7221** is the 20% darker color. If you saturate the color by 10%, you get **18.6509, 16.6141, 22.1832**, and if you desaturate by 10%, it is **22.2602, 23.1127, 25.6057**.

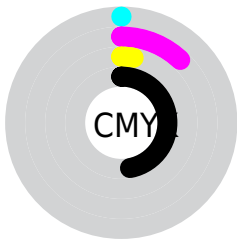
Distribution



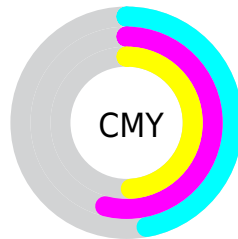
- Red (53%)
- Green (46%)
- Blue (51%)



- Red (53%)
- Yellow (46%)
- Blue (51%)



- Cyan (0%)
- Magenta (12%)
- Yellow (3%)
- Black (47%)



- Cyan (47%)
- Magenta (54%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3392, 19.6369, 23.8374 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 20.3392, 19.6369, 23.8374 by changing the saturation by 10% instead.

■ 20.3392, 19.6369,
23.8374

■ 20.3392, 19.6369,
23.8374

246.5442,
249.9426, 285.2574

■ 12.7515, 12.1314,
15.0020

■ 43.4848, 42.8076,
50.7052

■ 7.3335, 6.8332,
8.6741

■ 59.7734, 59.2415,
69.5747

■ 3.7197, 3.3580,
4.4353

■ 79.6930, 79.4204,
92.6259

■ 1.5448, 1.3214,
1.8671

103.6091,
103.7286, 120.2775

■ 0.3560, 0.1577,
0.4717

131.8869,
132.5505, 152.9479

■ 0.0000, 0.0000,
0.0000

164.8918,

166.2706, 191.0556

202.9891,
205.2731, 235.0193

■ 20.3392, 19.6369,
23.8374

■ 20.3392, 19.6369,
23.8374

■ 18.6509, 16.6141,
22.1832

■ 22.2602, 23.1127,
25.6057

■ 17.1841, 14.0229,
20.6385

■ 24.4210, 27.0568,
27.4903

■ 15.9291, 11.8441,
19.1998

■ 26.8307, 31.4866,
29.4945

■ 14.8752, 10.0557,
17.8632

■ 29.4973, 36.4182,
31.6216

■ 14.0102, 8.6342,
16.6243

■ 32.4285, 41.8667,
33.8743

■ 13.3210, 7.5529,
15.4785

■ 35.6315, 47.8467,
36.2553

■ 12.7925, 6.7821,
14.4202

■ 39.1135, 54.3723,
38.7674

■ 12.4071, 6.2865,
13.4433

■ 42.8811, 61.4568,
41.4132

■ 12.1560, 5.9981,
12.6999

■ 46.9410, 69.1132,
44.1950

Harmonies

Analogous

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



19.6779, 19.6369, 26.0677



20.3392, 19.6369, 23.8374



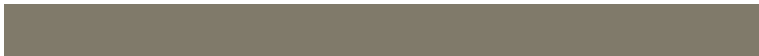
20.5468, 19.6369, 21.1029

Triad

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



20.3392, 19.6369, 23.8374



18.5668, 19.6369, 16.5749



17.1761, 19.6369, 24.3618

Complementary

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



20.3392, 19.6369, 23.8374



19.5099, 22.3074, 21.6909

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.



16.9004, 19.6369, 21.6620



20.3392, 19.6369, 23.8374



17.6861, 19.6369, 17.2931

Square

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



20.3392, 19.6369, 23.8374



19.5033, 19.6369, 17.0515



17.0839, 19.6369, 19.0999



17.8497, 19.6369, 26.3881

Rectangle

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



20.3392, 19.6369, 23.8374



20.3944, 19.6369, 19.3980



17.0839, 19.6369, 19.0999



17.0349, 19.6369, 23.4953

Sweetspot

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



20.3398, 19.6378, 23.8378



38.4572, 39.3371, 44.4275



18.8084, 18.8167, 25.1952



8.6117, 8.7673, 9.9616



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.



20.3398, 19.6378, 23.8378



35.0949, 33.2663, 41.2908



19.8235, 19.4312, 21.1190



4.8095, 4.7435, 5.6090



11.3962, 5.6228, 11.9247



0.0424, 0.0206, 0.0567

Inverse Universe

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



20.3398, 19.6378, 23.8378



35.0949, 33.2663, 41.2908



20.0262, 22.5139, 24.4097



4.8095, 4.7435, 5.6090



11.3962, 5.6228, 11.9247



0.0424, 0.0206, 0.0567

Previews

White Background



This preview shows how the XYZ color 20.3392, 19.6369, 23.8374 looks on a white background.

Color Contrast Check

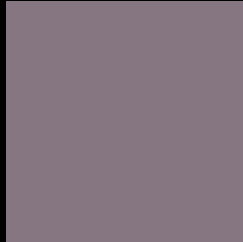
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.3392, 19.6369, 23.8374 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 20.3392, 19.6369, 23.8374

Background



This preview shows how black text looks on a background with the XYZ color 20.3392, 19.6369, 23.8374.



This preview shows how white text looks on a background with the XYZ color 20.3392, 19.6369,

23.8374.

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

20.3392, 19.6369, 23.8374

Protanopia

19.1504, 19.7226, 24.6273

Deuteranopia

19.9862, 19.6307, 23.8548



Tritanopia

20.2062, 19.5837, 23.1371

Trichromacy



Original Color

20.3392, 19.6369, 23.8374

Protanomaly

19.5383, 19.7491, 24.2549

Deuteranomaly

20.1418, 19.7109, 23.8621

Tritanomaly

20.2724, 19.6102, 23.4856

Monochromacy



Original Color

20.3392, 19.6369, 23.8374

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.6275, 20.0146, 22.5674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3392, 19.6369, 23.8374 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(134, 118, 130)` looks like.

```
.text, #text, p{  
    color:rgb(134, 118, 130)  
}
```

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(134, 118, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 118, 130) }
```

Border

The CSS property to change the border of an element to XYZ 20.3392, 19.6369, 23.8374 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(134, 118, 130) }
```


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

```
.border{ border-color:rgb(134, 118, 130) }
```

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

Here you see how a box with a 4 pixel rgb(134, 118, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 118, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 118, 130);  
box-shadow:4px 4px 4px 4px rgb(134, 118,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3392, 19.6369, 23.8374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 118, 130) }
```

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

```
.background{ background-color: rgb(134,  
118, 130) }
```

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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