

Converting Colors

XYZ(20.2830, 19.3358, 20.4325)

Have a look what the booklet for
XYZ(20.2830, 19.3358, 20.4325)
contains.

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Color

**XYZ(20.2830, 19.3358,
20.4325)**

Conversions

Conversions Part 1

Format	Color
Hex	8B7478
RGB	139, 116, 120
RGB Percent	55%, 45%, 47%
CMY	0.4549, 0.5451, 0.5294
CMYK	0.00, 0.17, 0.14, 0.45
HSL	350°, 9%, 50%
HSV	350°, 17%, 55%
XYZ	20.2830, 19.3358, 20.4325
YIQ	123.3330, 12.4240, 6.1200

Conversions

Conversions Part 2

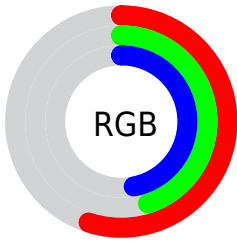
Format	Color
R_{YB}	139, 116, 120
Decimal	9139320
CIE _{Lab}	51.08, 9.66, 1.15
CIE _{LCh}	51, 9.731, 6.777
Yxy	19.3358, 0.3378, 0.3220
Android (android.graphics.Color)	4287329400 (0xFF8B7478)
YUV	123.3330, -1.6432, 13.7400
Hunter-Lab	43.9725, 5.3841, 3.2307

Details

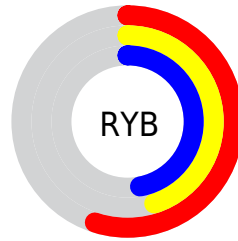
The XYZ color **20.2830, 19.3358, 20.4325** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.8090, 23.9279, 26.4445**, and the grayscale version is **18.9395, 19.9259, 21.6993**.

A 20% lighter version of the original color is **43.4413, 42.3213, 44.9089**, and **7.3566, 6.7260, 7.0414** is the 20% darker color. If you saturate the color by 10%, you get **18.1435, 16.1058, 16.4846**, and if you desaturate by 10%, it is **22.7470, 23.0805, 24.9015**.

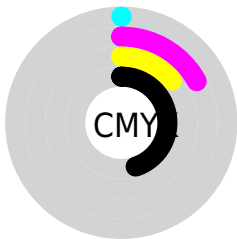
Distribution



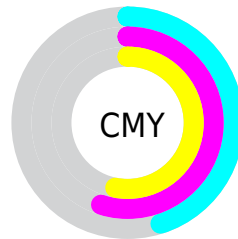
- Red (55%)
- Green (45%)
- Blue (47%)



- Red (55%)
- Yellow (45%)
- Blue (47%)



- Cyan (0%)
- Magenta (17%)
- Yellow (14%)
- Black (45%)



- Cyan (45%)
- Magenta (55%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.2830, 19.3358, 20.4325 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 20.2830, 19.3358, 20.4325 by changing the saturation by 10% instead.

■ 20.2830, 19.3358,
20.4325

■ 20.2830, 19.3358,
20.4325

246.2475,
248.2963, 266.9282

■ 12.7104, 11.9132,
12.5226

■ 43.3915, 42.3008,
45.0096

■ 7.3050, 6.6846,
6.9738

■ 59.6580, 58.6119,
62.5139

■ 3.7016, 3.2656,
3.3675

■ 79.5533, 78.6546,
84.0534

■ 1.5347, 1.2719,
1.2852

■ 103.4426,
102.8133, 110.0467

■ 0.3493, 0.1193,
0.0496

131.6914,
131.4725, 140.9123

■ 0.0000, 0.0000,
0.0000

164.6649,

165.0165, 177.0687

202.7285,
203.8296, 218.9345

■ 20.2830, 19.3358,
20.4325

■ 20.2830, 19.3358,
20.4325

■ 18.1435, 16.1058,
16.4846

■ 22.7470, 23.0805,
24.9015

■ 16.3132, 13.3656,
13.0374

■ 25.5466, 27.3583,
29.9083

■ 14.7782, 11.0918,
10.0713

■ 28.6944, 32.1899,
35.4707

■ 13.5228, 9.2584,
7.5645

■ 32.2018, 37.5942,
41.6049

■ 12.5299, 7.8368,
5.4939

■ 36.0798, 43.5891,
48.3267

■ 11.7801, 6.7947,
3.8340

■ 40.3388, 50.1918,
55.6513

■ 11.2519, 6.0954,
2.5568

■ 44.9889, 57.4187,
63.5931

■ 10.9108, 5.6777,
1.6277

■ 50.0398, 65.2857,
72.1663

■ 10.8141, 5.5556,
1.3754

■ 55.5008, 73.8080,
81.3845

Harmonies

Analogous

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



20.1366, 19.3358, 23.2192



20.2830, 19.3358, 20.4325



19.9048, 19.3358, 18.0293

Triad

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



20.2830, 19.3358, 20.4325



17.2894, 19.3358, 17.0772



17.6561, 19.3358, 26.3245

Complementary

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



20.2830, 19.3358, 20.4325



20.8090, 23.9279, 26.4445

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.



16.9315, 19.3358, 24.3980



20.2830, 19.3358, 20.4325



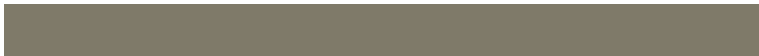
16.7250, 19.3358, 19.0267

Square

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



20.2830, 19.3358, 20.4325



18.1600, 19.3358, 16.2049



16.5964, 19.3358, 21.6868



18.5979, 19.3358, 26.7838

Rectangle

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



20.2830, 19.3358, 20.4325



19.4136, 19.3358, 16.9133



16.5964, 19.3358, 21.6868



17.3800, 19.3358, 25.8193

Sweetspot

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



20.2835, 19.3367, 20.4329



41.4181, 42.3732, 45.8214



20.8630, 19.4887, 27.0883



9.4753, 9.6595, 10.4354



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.



20.2835, 19.3367, 20.4329



34.7656, 32.2705, 33.7319



20.9186, 20.9870, 19.4724



5.0661, 5.0619, 5.4364



9.7650, 5.0161, 1.2668



0.0687, 0.0349, 0.0286

Inverse Universe

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



20.2835, 19.3367, 20.4329



34.7656, 32.2705, 33.7319



20.0762, 22.0035, 27.6152



5.0661, 5.0619, 5.4364



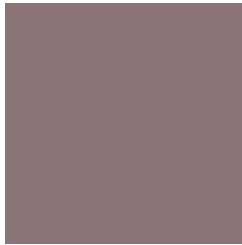
9.7650, 5.0161, 1.2668



0.0687, 0.0349, 0.0286

Previews

White Background



This preview shows how the XYZ color 20.2830, 19.3358, 20.4325 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 20.2830, 19.3358, 20.4325 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 20.2830, 19.3358, 20.4325

Background



This preview shows how black text looks on a background with the XYZ color 20.2830, 19.3358, 20.4325.



This preview shows how white text looks on a background with the XYZ color 20.2830, 19.3358,

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

20.2830, 19.3358, 20.4325

Protanopia

18.7247, 19.3899, 21.4946

Deuteranopia

19.7001, 19.3813, 20.4719



Tritanopia

20.5840, 19.2922, 21.7076

Trichromacy



Original Color

20.2830, 19.3358, 20.4325

Protanomaly

19.1629, 19.2659, 21.1211

Deuteranomaly

19.9048, 19.3129, 20.4480

Tritanomaly

20.5211, 19.2670, 21.3762

Monochromacy



Original Color

20.2830, 19.3358, 20.4325

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

19.2826, 19.5052, 21.1609

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.2830, 19.3358, 20.4325 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(139, 116, 120)` looks like.

```
.text, #text, p{  
    color:rgb(139, 116, 120)  
}
```

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(139, 116, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 116, 120) }
```

Border

The CSS property to change the border of an element to XYZ 20.2830, 19.3358, 20.4325 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(139, 116, 120) }
```


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

```
.border{ border-color:rgb(139, 116, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 116, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 116, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 116, 120);  
box-shadow:4px 4px 4px 4px rgb(139, 116,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 20.2830, 19.3358, 20.4325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 116, 120) }
```

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

```
.background{ background-color: rgb(139,  
116, 120) }
```

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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