

Converting Colors

XYZ(20.4334, 19.5182, 27.2380)

Have a look what the booklet for
XYZ(20.4334, 19.5182, 27.2380)
contains.

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Color

**XYZ(20.3816, 19.4120,
27.0988)**

Conversions

Conversions Part 1

Format	Color
Hex	83758B
RGB	131, 117, 139
RGB Percent	51%, 46%, 55%
CMY	0.4863, 0.5412, 0.4549
CMYK	0.06, 0.16, 0.00, 0.45
HSL	278°, 9%, 50%
HSV	278°, 16%, 55%
XYZ	20.3816, 19.4120, 27.0988
YIQ	123.6940, 1.2820, 9.8100

Conversions

Conversions Part 2

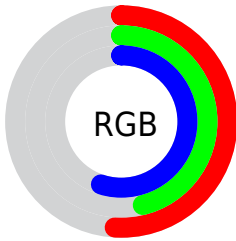
Format	Color
R_{YB}	131, 117, 139
Decimal	8615307
CIE Lab	51.17, 9.77, -10.00
CIE LCh	51, 13.979, 314.323
Yxy	19.4120, 0.3047, 0.2902
Android (android.graphics.Color)	4286805387 (0xFF83758B)
YUV	123.6940, 7.5459, 6.4074
Hunter-Lab	44.0591, 5.4703, -5.6254

Details

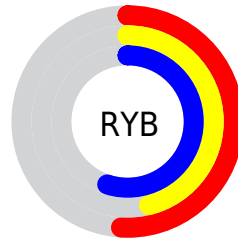
The XYZ color **20.3816, 19.4120, 27.0988** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.9017, 24.1101, 20.3827**, and the grayscale version is **19.0324, 20.0235, 21.8056**.

A 20% lighter version of the original color is **43.4696, 42.3721, 55.7567**, and **7.4110, 6.7714, 10.3676** is the 20% darker color. If you saturate the color by 10%, you get **18.1170, 16.0167, 26.5631**, and if you desaturate by 10%, it is **22.9260, 23.3097, 27.7173**.

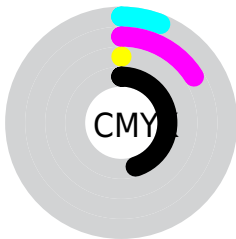
Distribution



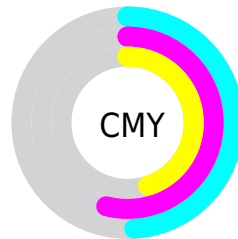
- Red (51%)
- Green (46%)
- Blue (55%)



- Red (51%)
- Yellow (46%)
- Blue (55%)



- Cyan (6%)
- Magenta (16%)
- Yellow (0%)
- Black (45%)



- Cyan (49%)
- Magenta (54%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.3816, 19.4120, 27.0988 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 20.3816, 19.4120, 27.0988 by changing the saturation by 10% instead.

■ 20.3816, 19.4120,
27.0988

■ 20.3816, 19.4120,
27.0988

246.7679,
248.7139, 301.9105

■ 12.7826, 11.9684,
17.4143

■ 43.5551, 42.4291,
56.0480

■ 7.3550, 6.7221,
10.3653

■ 59.8604, 58.7714,
76.1499

■ 3.7334, 3.2889,
5.5331

■ 79.7984, 78.8487,
100.5613

■ 1.5524, 1.2844,
2.4991

103.7346,
103.0454, 129.7008

■ 0.3611, 0.1291,
0.8397

132.0343,
131.7458, 163.9869

■ 0.0000, 0.0000,
0.0000

165.0628,

165.3345, 203.8382

203.1856,
204.1957, 249.6732

■ 20.3816, 19.4120,
27.0988

■ 20.3816, 19.4120,
27.0988

■ 18.1170, 16.0167,
26.5631

■ 22.9260, 23.3097,
27.7173

■ 16.1195, 13.0998,
26.1054

■ 25.7590, 27.7273,
28.4207

■ 14.3777, 10.6393,
25.7222

■ 28.8911, 32.6847,
29.2125

■ 12.8787, 8.6101,
25.4096

■ 32.3315, 38.1999,
30.0957

■ 11.6084, 6.9850,
25.1628

■ 36.0892, 44.2900,
31.0732

■ 10.5511, 5.7334,
24.9770

■ 40.1729, 50.9714,
32.1476

■ 9.6888, 4.8200,
24.8461

■ 44.5907, 58.2599,
33.3215

■ 8.9945, 4.1920,
24.7615

■ 49.3505, 66.1707,
34.5976

■ 8.7276, 3.9609,
24.7310

■ 54.4601, 74.7183,
35.9782

Harmonies

Analogous

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



19.1196, 19.4120, 29.4539



20.3816, 19.4120, 27.0988



21.1452, 19.4120, 23.2729

Triad

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



20.3816, 19.4120, 27.0988



19.1822, 19.4120, 14.5902



15.9802, 19.4120, 23.0870

Complementary

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



20.3816, 19.4120, 27.0988



20.9017, 24.1101, 20.3827

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.



15.9951, 19.4120, 19.1348



20.3816, 19.4120, 27.0988



17.7972, 19.4120, 14.5537

Square

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



20.3816, 19.4120, 27.0988



20.4294, 19.4120, 16.2267



16.6454, 19.4120, 16.1197



16.6038, 19.4120, 26.9481

Rectangle

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



20.3816, 19.4120, 27.0988



21.2459, 19.4120, 20.5646



16.6454, 19.4120, 16.1197



15.9118, 19.4120, 21.7186

Sweetspot

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



20.3822, 19.4128, 27.0992



41.4023, 42.2787, 49.7214



19.3392, 20.3310, 27.3314



9.4709, 9.6350, 11.4400



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.



20.3822, 19.4128, 27.0992



34.9888, 32.4814, 48.1684



21.4580, 19.9919, 26.0457



5.0604, 5.0396, 6.3119



7.8962, 3.5847, 22.3214



0.0686, 0.0321, 0.1490

Inverse Universe

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



20.7111, 19.6931, 22.1126



35.7192, 33.0975, 37.3797



19.9556, 23.6021, 21.2529



5.1032, 5.0767, 5.6317



10.1479, 5.1693, 3.2833



0.0740, 0.0370, 0.0565

Previews

White Background



This preview shows how the XYZ color 20.3816, 19.4120, 27.0988 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 20.3816, 19.4120, 27.0988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

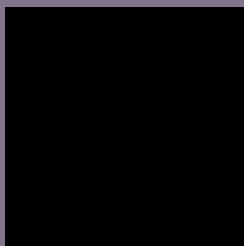
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 20.3816, 19.4120, 27.0988

Background



This preview shows how black text looks on a background with the XYZ color 20.3816, 19.4120, 27.0988.



This preview shows how white text looks on a background with the XYZ color 20.3816, 19.4120,

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

20.3816, 19.4120, 27.0988

Protanopia

19.1911, 19.4793, 28.3396

Deuteranopia

19.8612, 19.4934, 27.1419



Tritanopia

19.5464, 19.4193, 23.1402

Trichromacy



Original Color

20.3816, 19.4120, 27.0988

Protanomaly

19.6926, 19.5670, 27.9382

Deuteranomaly

20.0407, 19.4101, 27.1164

Tritanomaly

19.8492, 19.3686, 24.5221

Monochromacy



Original Color

20.3816, 19.4120, 27.0988

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

19.5522, 19.7717, 23.5547

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.3816, 19.4120, 27.0988 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(131, 117, 139)` looks like.

```
.text, #text, p{  
    color:rgb(131, 117, 139)  
}
```

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(131, 117, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 117, 139) }
```

Border

The CSS property to change the border of an element to XYZ 20.3816, 19.4120, 27.0988 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(131, 117, 139) }
```


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

```
.border{ border-color:rgb(131, 117, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 117, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 117, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 117, 139);  
box-shadow:4px 4px 4px 4px rgb(131, 117,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 20.3816, 19.4120, 27.0988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 117, 139) }
```

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

```
.background{ background-color: rgb(131,  
117, 139) }
```

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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