

Converting Colors

XYZ(19.0986, 17.1020, 26.7102)

Have a look what the booklet for
XYZ(19.0986, 17.1020, 26.7102)
contains.

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Color

**XYZ(19.1238, 17.1253,
26.7237)**

Conversions

Conversions Part 1

Format	Color
Hex	826B8B
RGB	130, 107, 139
RGB Percent	51%, 42%, 55%
CMY	0.4902, 0.5804, 0.4549
CMYK	0.06, 0.23, 0.00, 0.45
HSL	283°, 13%, 48%
HSV	283°, 23%, 55%
XYZ	19.1238, 17.1253, 26.7237
YIQ	117.5250, 3.4360, 14.8280

Conversions

Conversions Part 2

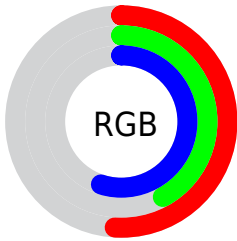
Format	Color
R_{YB}	130, 107, 139
Decimal	8547211
CIE _{Lab}	48.42, 15.33, -14.16
CIE _{LCh}	48, 20.863, 317.272
Yxy	17.1253, 0.3037, 0.2719
Android (android.graphics.Color)	4286737291 (0xFF826B8B)
YUV	117.5250, 10.5872, 10.9406
Hunter-Lab	41.3827, 10.0687, -9.3198

Details

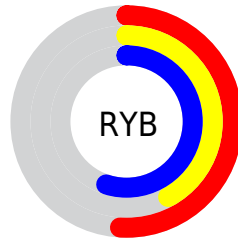
The XYZ color **19.1238, 17.1253, 26.7237** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **19.0896, 23.2403, 17.3905**, and the grayscale version is **17.0393, 17.9267, 19.5222**.

A 20% lighter version of the original color is **41.3809, 38.3713, 55.6775**, and **6.6754, 5.5547, 10.1715** is the 20% darker color. If you saturate the color by 10%, you get **17.2013, 14.1535, 26.2517**, and if you desaturate by 10%, it is **21.3031, 20.5763, 27.2752**.

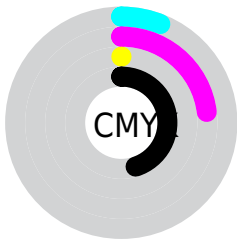
Distribution



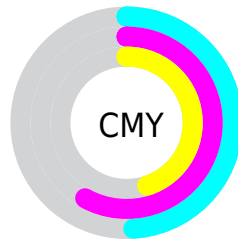
- Red (51%)
- Green (42%)
- Blue (55%)



- Red (51%)
- Yellow (42%)
- Blue (55%)



- Cyan (6%)
- Magenta (23%)
- Yellow (0%)
- Black (45%)



- Cyan (49%)
- Magenta (58%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 19.1238, 17.1253, 26.7237 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 19.1238, 17.1253, 26.7237 by changing the saturation by 10% instead.

■ 19.1238, 17.1253,
26.7237

■ 19.1238, 17.1253,
26.7237

240.0564,
235.8934, 300.0346

■ 11.8643, 10.3239,
17.1352

■ 41.4584, 38.5411,
55.4385

■ 6.7229, 5.6142,
10.1680

■ 57.2643, 53.9242,
75.4019

■ 3.3342, 2.6120,
5.4034

■ 76.6497, 72.9367,
99.6607

■ 1.3329, 0.9327,
2.4230

■ 99.9799, 95.9630,
128.6335

■ 0.2076, 0.0000,
0.7989

127.6203,
123.3874, 162.7387

■ 0.0000, 0.0000,
0.0000

159.9363,

155.5943, 202.3949

197.2932,
192.9682, 248.0207

■ 19.1238, 17.1253,
26.7237

■ 19.1238, 17.1253,
26.7237

■ 17.2013, 14.1535,
26.2517

■ 21.3031, 20.5763,
27.2752

■ 15.5227, 11.6362,
25.8543

■ 23.7483, 24.5251,
27.9085

■ 14.0762, 9.5502,
25.5279

■ 26.4698, 28.9921,
28.6273

■ 12.8484, 7.8689,
25.2680

■ 29.4772, 33.9958,
29.4346

■ 11.8245, 6.5629,
25.0699

■ 32.7793, 39.5539,
30.3334

■ 10.9874, 5.5987,
24.9279

■ 36.3848, 45.6831,
31.3264

■ 10.3172, 4.9367,
24.8355

■ 40.3019, 52.3995,
32.4164

■ 9.9053, 4.5680,
24.7860

■ 44.5385, 59.7186,
33.6058

■ 49.1021, 67.6552,
34.8972

Harmonies

Analogous

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



17.3909, 17.1253, 30.5880



19.1238, 17.1253, 26.7237



20.1247, 17.1253, 21.0588

Triad

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



19.1238, 17.1253, 26.7237



17.0989, 17.1253, 10.1602



13.0189, 17.1253, 21.9436

Complementary

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



19.1238, 17.1253, 26.7237



19.0896, 23.2403, 17.3905

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.



12.9541, 17.1253, 16.4259



19.1238, 17.1253, 26.7237



15.2118, 17.1253, 10.3047

Square

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



19.1238, 17.1253, 26.7237



18.8957, 17.1253, 11.9438



13.7279, 17.1253, 12.3869



13.9123, 17.1253, 27.4795

Rectangle

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



19.1238, 17.1253, 26.7237



20.1946, 17.1253, 17.3479



13.7279, 17.1253, 12.3869



12.9021, 17.1253, 20.0085

Sweetspot

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



19.1243, 17.1260, 26.7241



40.6601, 40.8870, 49.4919



16.9774, 17.4968, 26.9088



9.3195, 9.3412, 11.3913



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.



19.1243, 17.1260, 26.7241



32.2680, 27.5912, 47.3679



20.0751, 17.6729, 24.2073



5.0991, 5.0595, 6.3137



8.9570, 4.1316, 22.3711



0.0738, 0.0348, 0.1493

Inverse Universe

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



19.0582, 17.2661, 18.8521



32.1790, 27.9224, 30.3260



18.3301, 22.8049, 19.3361



5.0869, 5.0702, 5.5463



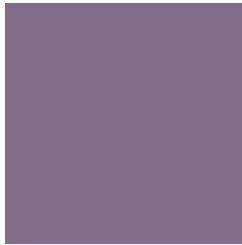
9.9484, 5.0895, 2.2327



0.0717, 0.0361, 0.0444

Previews

White Background



This preview shows how the XYZ color 19.1238, 17.1253, 26.7237 looks on a white 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

Black Background



This preview shows how the XYZ color 19.1238, 17.1253, 26.7237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

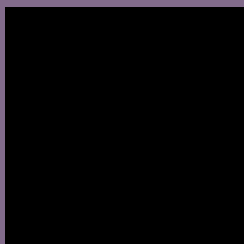
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 19.1238, 17.1253, 26.7237

Background



This preview shows how black text looks on a background with the XYZ color 19.1238, 17.1253, 26.7237.



This preview shows how white text looks on a background with the XYZ color 19.1238, 17.1253,

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

19.1238, 17.1253, 26.7237

Protanopia

17.2357, 17.2364, 28.8041

Deuteranopia

17.5628, 17.2901, 26.4564



Tritanopia

17.7666, 17.2128, 19.8388

Trichromacy



Original Color

19.1238, 17.1253, 26.7237

Protanomaly

17.7694, 17.0349, 27.9427

Deuteranomaly

18.0176, 17.1969, 26.4145

Tritanomaly

18.2439, 17.2474, 22.1062

Monochromacy



Original Color

19.1238, 17.1253, 26.7237

Achromatopsia

17.2197, 18.1164, 19.7288

Achromatomaly

17.8092, 17.6786, 22.2123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 19.1238, 17.1253, 26.7237 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(130, 107, 139)` looks like.

```
.text, #text, p{  
    color:rgb(130, 107, 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(130, 107, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 107, 139) }
```

Border

The CSS property to change the border of an element to XYZ 19.1238, 17.1253, 26.7237 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(130, 107, 139) }
```


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

```
.border{ border-color:rgb(130, 107, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 107, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 107, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 107, 139);  
box-shadow:4px 4px 4px 4px rgb(130, 107,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 19.1238, 17.1253, 26.7237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 107, 139) }
```

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

```
.background{ background-color: rgb(130,  
107, 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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