

Converting Colors

XYZ(26.1616, 20.1057, 26.3352)

Have a look what the booklet for
XYZ(26.1616, 20.1057, 26.3352)
contains.

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Color

**XYZ(26.1602, 20.1646,
26.1803)**

Conversions

Conversions Part 1

Format	Color
Hex	AB6789
RGB	171, 103, 137
RGB Percent	67%, 40%, 54%
CMY	0.3294, 0.5961, 0.4627
CMYK	0.00, 0.40, 0.20, 0.33
HSL	330°, 29%, 54%
HSV	330°, 40%, 67%
XYZ	26.1602, 20.1646, 26.1803
YIQ	127.2080, 29.6140, 24.9900

Conversions

Conversions Part 2

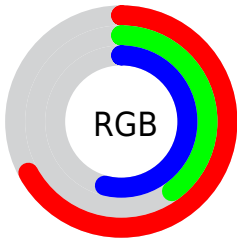
Format	Color
R_{YB}	171, 103, 137
Decimal	11233161
CIE _{Lab}	52.02, 32.04, -7.09
CIE _{LCh}	52, 32.813, 347.530
Y _{xy}	20.1646, 0.3608, 0.2781
Android (android.graphics.Color)	4289423241 (0xFFAB6789)
YUV	127.2080, 4.8275, 38.4056
Hunter-Lab	44.9050, 25.4045, -3.1335

Details

The XYZ color **26.1602, 20.1646, 26.1803** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.6727, 33.8161, 28.8953**, and the grayscale version is **20.2216, 21.2747, 23.1682**.

A 20% lighter version of the original color is **53.0105, 43.6544, 54.3474**, and **10.3756, 7.1084, 9.8420** is the 20% darker color. If you saturate the color by 10%, you get **24.0408, 16.8687, 22.5667**, and if you desaturate by 10%, it is **28.6772, 24.1775, 30.1667**.

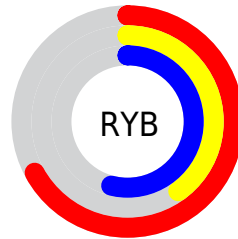
Distribution



Red (67%)

Green (40%)

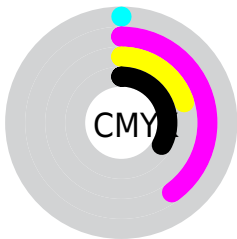
Blue (54%)



Red (67%)

Yellow (40%)

Blue (54%)

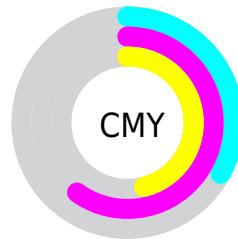


Cyan (0%)

Magenta (40%)

Yellow (20%)

Black (33%)



Cyan (33%)


Magenta (60%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.1602, 20.1646, 26.1803 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 26.1602, 20.1646, 26.1803 by changing the saturation by 10% instead.


 26.1602, 20.1646,
26.1803


 26.1602, 20.1646,
26.1803


275.8099,
252.8048, 297.2996


 17.0768, 12.5147,
16.7316


 52.9627, 43.6930,
54.5533


 10.3849, 7.0953,
9.8834


 71.4126, 60.3403,
74.3147

 5.7191, 3.5217,
5.2171

 93.7154, 80.7555,
98.3508

 2.7141, 1.4098,
2.3142

 120.2364,
105.3231, 127.0800

 1.0044, 0.2239,
0.7392

151.3410,
134.4275, 160.9210

 0.0000, 0.0000,
0.0000

187.3945,

168.4529, 200.2922

228.7624,
207.7839, 245.6122

■ 26.1602, 20.1646,
26.1803

■ 26.1602, 20.1646,
26.1803

■ 24.0408, 16.8687,
22.5667

■ 28.6772, 24.1775,
30.1667

■ 22.2949, 14.2438,
19.3117

■ 31.6107, 28.9440,
34.5370

■ 20.8980, 12.2431,
16.4017


■ 34.9804, 34.5018,
39.3030


■ 19.8222, 10.8121,
13.8213

■ 38.8042, 40.8850,
44.4758


■ 19.0346, 9.8873,
11.5534


■ 43.0990, 48.1257,
50.0659


 18.4666, 9.3338,
9.5687

 47.8808, 56.2545,
56.0833

 18.4541, 9.3218,
9.5246

 53.1649, 65.3003,
62.5378

 58.9657, 75.2907,
69.4386

 64.6865, 85.0307,
76.5914

Harmonies

Analogous

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



24.3148, 20.1646, 36.8973



26.1602, 20.1646, 26.1803



25.9797, 20.1646, 16.8598

Triad

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



26.1602, 20.1646, 26.1803



17.2923, 20.1646, 8.6545



15.1412, 20.1646, 38.5473

Complementary

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



26.1602, 20.1646, 26.1803



24.6727, 33.8161, 28.8953

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.



13.6615, 20.1646, 27.9873



26.1602, 20.1646, 26.1803



14.8005, 20.1646, 11.7155

Square

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



26.1602, 20.1646, 26.1803



20.5891, 20.1646, 8.4301



13.5446, 20.1646, 18.2121



17.8097, 20.1646, 45.3124

Rectangle

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



26.1602, 20.1646, 26.1803



24.7350, 20.1646, 12.5344



13.5446, 20.1646, 18.2121



14.5024, 20.1646, 35.2038

Sweetspot

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



26.1608, 20.1656, 26.1807



61.0960, 59.2190, 68.2326



22.5184, 17.9603, 40.8081



13.4518, 12.9202, 14.9738



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.1608, 20.1656, 26.1807



43.3746, 30.6998, 40.9807



24.0938, 19.3388, 15.2961



8.1660, 8.0796, 9.1847



13.9382, 7.0378, 7.3202



0.4154, 0.2068, 0.3492

Inverse Universe

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



26.1608, 20.1656, 26.1807



43.3746, 30.6998, 40.9807



27.5078, 34.9501, 43.8245



8.1660, 8.0796, 9.1847



13.9382, 7.0378, 7.3202



0.4154, 0.2068, 0.3492

Previews

White Background



This preview shows how the XYZ color 26.1602, 20.1646, 26.1803 looks on a white background.

Color Contrast Check

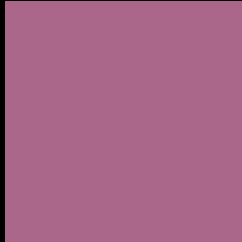
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1602, 20.1646, 26.1803 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 26.1602, 20.1646, 26.1803

Background



This preview shows how black text looks on a background with the XYZ color 26.1602, 20.1646, 26.1803.



This preview shows how white text looks on a background with the XYZ color 26.1602, 20.1646,

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

26.1602, 20.1646, 26.1803

Protanopia

20.1957, 20.2899, 31.7061

Deuteranopia

20.6562, 20.3015, 25.3841



Tritanopia

24.7144, 20.1882, 18.8138

Trichromacy



Original Color

26.1602, 20.1646, 26.1803

Protanomaly

21.8375, 19.9384, 29.4856

Deuteranomaly

22.2445, 19.8949, 25.5894

Tritanomaly

25.3067, 20.2842, 21.3203

Monochromacy



Original Color

26.1602, 20.1646, 26.1803

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

21.9029, 20.4352, 24.2627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1602, 20.1646, 26.1803 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(171, 103, 137)` looks like.

```
.text, #text, p{  
    color:rgb(171, 103, 137)  
}
```

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(171, 103, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 103, 137) }
```

Border

The CSS property to change the border of an element to XYZ 26.1602, 20.1646, 26.1803 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(171, 103, 137) }
```


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

```
.border{ border-color:rgb(171, 103, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 103, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 103, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 103, 137);  
box-shadow:4px 4px 4px 4px rgb(171, 103,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1602, 20.1646, 26.1803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 103, 137) }
```

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

```
.background{ background-color: rgb(171,  
103, 137) }
```

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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