

Converting Colors

XYZ(26.4439, 20.7265, 36.3761)

Have a look what the booklet for
XYZ(26.4439, 20.7265, 36.3761)
contains.

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Color

**XYZ(26.3887, 20.6657,
36.3163)**

Conversions

Conversions Part 1

Format	Color
Hex	A16BA1
RGB	161, 107, 161
RGB Percent	63%, 42%, 63%
CMY	0.3686, 0.5804, 0.3686
CMYK	0.00, 0.34, 0.00, 0.37
HSL	300°, 22%, 53%
HSV	300°, 34%, 63%
XYZ	26.3887, 20.6657, 36.3163
YIQ	129.3020, 14.8500, 28.2420

Conversions

Conversions Part 2

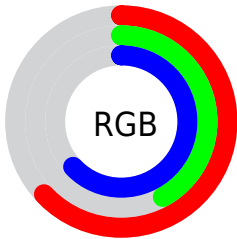
Format	Color
RYB	161, 107, 161
Decimal	10578849
CIELab	52.58, 30.57, -20.46
CIElCh	53, 36.786, 326.215
Yxy	20.6657, 0.3165, 0.2479
Android (android.graphics.Color)	4288768929 (0xFFA16BA1)
YUV	129.3020, 15.6271, 27.7991
Hunter-Lab	45.4595, 24.0628, -15.5434

Details

The XYZ color **26.3887, 20.6657, 36.3163** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.4630, 29.6778, 18.5083**, and the grayscale version is **20.9160, 22.0052, 23.9637**.

A 20% lighter version of the original color is **53.4081, 44.5059, 70.7413**, and **10.4577, 7.3184, 15.3294** is the 20% darker color. If you saturate the color by 10%, you get **24.8641, 17.6161, 35.8083**, and if you desaturate by 10%, it is **28.2271, 24.3421, 36.9294**.

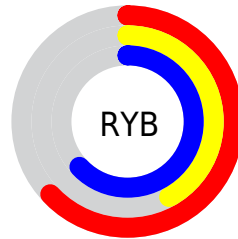
Distribution



Red (63%)

Green (42%)

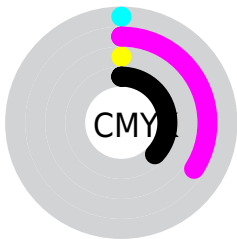
Blue (63%)



Red (63%)

Yellow (42%)

Blue (63%)

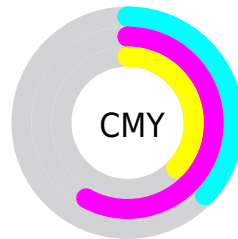


Cyan (0%)

Magenta (34%)

Yellow (0%)

Black (37%)



Cyan (37%)

Magenta (58%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.3887, 20.6657, 36.3163 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 26.3887, 20.6657, 36.3163 by changing the saturation by 10% instead.

■ 26.3887, 20.6657,
36.3163

■ 26.3887, 20.6657,
36.3163

276.9068,
255.4965, 345.4201

■ 17.2489, 12.8799,
24.3870

■ 53.3282, 44.5305,
70.6945

■ 10.5085, 7.3459,
15.4061

■ 71.8586, 61.3782,
93.9805

■ 5.8022, 3.6793,
8.9551

■ 94.2498, 82.0154,
121.8890

■ 2.7647, 1.4959,
4.6155

■ 120.8673,
106.8264, 154.8388

■ 1.0306, 0.2858,
1.9687

152.0764,
136.1956, 193.2482

■ 0.0000, 0.0000,
0.5359

188.2425,

■ 0.0000, 0.0000,

170.5075, 237.5359

0.0000

229.7308,
210.1463, 288.1203

■ 26.3887, 20.6657,
36.3163

■ 26.3887, 20.6657,
36.3163

■ 24.8641, 17.6161,
35.8083

■ 28.2271, 24.3421,
36.9294

■ 23.6340, 15.1560,
35.3982

■ 30.3935, 28.6748,
37.6516

■ 22.6800, 13.2479,
35.0801

■ 32.9033, 33.6945,
38.4882

■ 21.9807, 11.8495,
34.8470

■ 35.7707, 39.4292,
39.4441

■ 21.5119, 10.9117,
34.6906

■ 39.0089, 45.9055,
40.5235

■ 21.2441, 10.3763,
34.6013

■ 42.6303, 53.1484,
41.7307

■ 21.1312, 10.1504,
34.5636

■ 46.6471, 61.1820,
43.0697

■ 51.0706, 70.0290,
44.5443

■ 55.9119, 79.7115,
46.1581

Harmonies

Analogous

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



23.0626, 20.6657, 47.0898



26.3887, 20.6657, 36.3163



27.9051, 20.6657, 23.9165

Triad

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



26.3887, 20.6657, 36.3163



20.1302, 20.6657, 7.3784



13.7706, 20.6657, 33.1114

Complementary

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



26.3887, 20.6657, 36.3163



21.4630, 29.6778, 18.5083

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.



13.1962, 20.6657, 21.1433



26.3887, 20.6657, 36.3163



16.5777, 20.6657, 8.4301

Square

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



26.3887, 20.6657, 36.3163



24.0085, 20.6657, 9.1713



14.1562, 20.6657, 12.7271



15.8401, 20.6657, 44.8577

Rectangle

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



26.3887, 20.6657, 36.3163



27.5581, 20.6657, 17.1319



14.1562, 20.6657, 12.7271



13.4088, 20.6657, 28.8898

Sweetspot

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



26.3894, 20.6666, 36.3167



55.8676, 54.2260, 67.9085



17.7551, 16.2155, 35.9129



12.1272, 11.6418, 14.8515



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



26.3894, 20.6666, 36.3167



45.2357, 32.9622, 64.3642



24.2595, 19.8147, 25.1012



7.3644, 7.2022, 8.9051



16.8766, 8.1067, 27.6045



0.3546, 0.1703, 0.5800

Inverse Universe

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



26.3894, 20.6666, 36.3167



45.2357, 32.9622, 64.3642



23.1122, 30.3375, 27.1928



7.3644, 7.2022, 8.9051



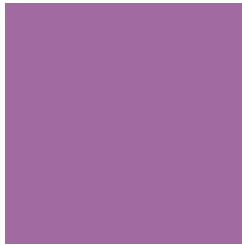
16.8766, 8.1067, 27.6045



0.3546, 0.1703, 0.5800

Previews

White Background



This preview shows how the XYZ color 26.3887, 20.6657, 36.3163 looks on a white background.

Color Contrast Check

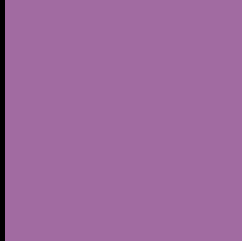
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3887, 20.6657, 36.3163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

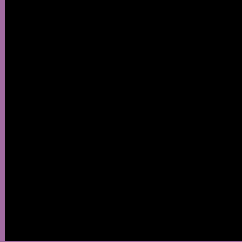
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.3887, 20.6657, 36.3163

Background



This preview shows how black text looks on a background with the XYZ color 26.3887, 20.6657, 36.3163.



This preview shows how white text looks on a background with the XYZ color 26.3887, 20.6657,

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

26.3887, 20.6657, 36.3163

Protanopia

21.4032, 20.8508, 42.9409

Deuteranopia

21.1397, 20.6995, 35.2290



Tritanopia

23.4162, 20.7594, 21.5117

Trichromacy



Original Color

26.3887, 20.6657, 36.3163

Protanomaly

22.6931, 20.4886, 40.2947

Deuteranomaly

22.7726, 20.4600, 35.5498

Tritanomaly

24.4101, 20.6636, 26.3688

Monochromacy



Original Color

26.3887, 20.6657, 36.3163

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

22.6296, 21.2606, 28.1103

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3887, 20.6657, 36.3163 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(161, 107, 161)` looks like.

```
.text, #text, p{  
    color:rgb(161, 107, 161)  
}
```

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(161, 107, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 107, 161) }
```

Border

The CSS property to change the border of an element to XYZ 26.3887, 20.6657, 36.3163 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(161, 107, 161) }
```


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

```
.border{ border-color:rgb(161, 107, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 107, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 107, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 107, 161);  
box-shadow:4px 4px 4px 4px rgb(161, 107,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3887, 20.6657, 36.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 107, 161) }
```

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

```
.background{ background-color: rgb(161,  
107, 161) }
```

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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