

Converting Colors

XYZ(33.2218, 27.4225, 43.1120)

Have a look what the booklet for
XYZ(33.2218, 27.4225, 43.1120)
contains.

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Color

**XYZ(33.1351, 27.2860,
43.0555)**

Conversions

Conversions Part 1

Format	Color
Hex	B17EAD
RGB	177, 126, 173
RGB Percent	69%, 49%, 68%
CMY	0.3059, 0.5059, 0.3216
CMYK	0.00, 0.29, 0.02, 0.31
HSL	305°, 25%, 59%
HSV	305°, 29%, 69%
XYZ	33.1351, 27.2860, 43.0555
YIQ	146.6070, 15.3090, 25.4290

Conversions

Conversions Part 2

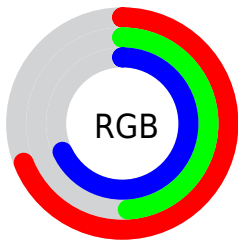
Format	Color
RYB	177, 126, 173
Decimal	11632301
CIELab	59.24, 27.60, -17.08
CIELCh	59, 32.454, 328.252
Yxy	27.2860, 0.3202, 0.2637
Android (android.graphics.Color)	4289822381 (0xFFB17EAD)
YUV	146.6070, 13.0117, 26.6547
Hunter-Lab	52.2360, 21.8157, -12.3046

Details

The XYZ color **33.1351, 27.2860, 43.0555** is a light color, and the websafe version is hex **996699**. A complement of this color would be **28.3567, 37.4923, 26.8628**, and the grayscale version is **27.5154, 28.9484, 31.5248**.

A 20% lighter version of the original color is **63.8672, 55.2210, 81.4213**, and **14.3478, 10.8344, 19.4242** is the 20% darker color. If you saturate the color by 10%, you get **30.9356, 23.1003, 41.6632**, and if you desaturate by 10%, it is **35.7382, 32.2755, 44.5898**.

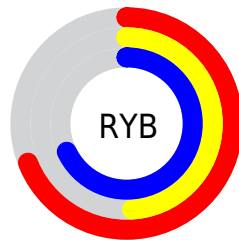
Distribution



Red (69%)

Green (49%)

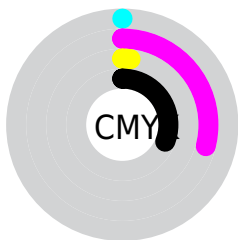
Blue (68%)



Red (69%)

Yellow (49%)

Blue (68%)

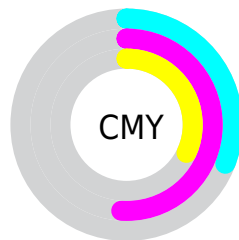


Cyan (0%)

Magenta (29%)

Yellow (2%)

Black (31%)



Cyan (31%)

Magenta (51%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1351, 27.2860, 43.0555 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 33.1351, 27.2860, 43.0555 by changing the saturation by 10% instead.

■ 33.1351, 27.2860,
43.0555

■ 33.1351, 27.2860,
43.0555

307.9123,
289.0392, 374.7679

■ 22.3897, 17.7881,
29.5969

■ 63.9397, 55.3425,
81.0819

■ 14.2617, 10.7980,
19.2834

■ 84.7295, 74.6699,
106.4867

■ 8.3858, 5.9312,
11.6964

■ 109.5983, 98.0425,
136.7108

■ 4.3967, 2.8033,
6.4173

138.9112,
125.8449, 172.1726

■ 1.9289, 1.0299,
3.0276

173.0337,
158.4614, 213.2907

■ 0.5936, 0.0000,
1.1087

212.3312,

■ 0.0000, 0.0000,

196.2763, 260.4835

0.0000

257.1689,
239.6741, 314.1698

■ 33.1351, 27.2860,
43.0555

■ 33.1351, 27.2860,
43.0555

■ 30.9356, 23.1003,
41.6632

■ 35.7382, 32.2755,
44.5898

■ 29.1159, 19.6727,
40.4041

■ 38.7618, 38.1044,
46.2708

■ 27.6539, 16.9581,
39.2711

■ 42.2250, 44.8103,
48.1054

■ 26.5240, 14.9056,
38.2557

■ 46.1452, 52.4277,
50.0992

■ 25.6974, 13.4573,
37.3480

■ 50.5385, 60.9892,
52.2576

■ 25.1399, 12.5453,
36.5370

■ 55.4204, 70.5256,
54.5860

■ 24.7907, 12.0474,
35.8021

■ 60.8057, 81.0665,
57.0891

■ 24.7530, 11.9958,
35.7164

■ 62.5546, 84.3324,
58.3871

■ 62.7010, 84.3909,
59.1581

Harmonies

Analogous

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



29.7975, 27.2860, 53.9992



33.1351, 27.2860, 43.0555



34.5215, 27.2860, 30.3951

Triad

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



33.1351, 27.2860, 43.0555



26.1727, 27.2860, 12.5303



19.6628, 27.2860, 41.5645

Complementary

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



33.1351, 27.2860, 43.0555



28.3567, 37.4923, 26.8628

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.



18.9045, 27.2860, 29.0349



33.1351, 27.2860, 43.0555



22.4208, 27.2860, 14.0781

Square

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



33.1351, 27.2860, 43.0555



30.2510, 27.2860, 14.4956



19.8609, 27.2860, 19.4534



22.0495, 27.2860, 52.9926

Rectangle

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



33.1351, 27.2860, 43.0555



34.0540, 27.2860, 23.2587



19.8609, 27.2860, 19.4534



19.2206, 27.2860, 37.2554

Sweetspot

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



33.1359, 27.2872, 43.0561



69.2223, 67.8601, 82.7613



24.5121, 22.7960, 44.7035



14.8249, 14.3652, 17.8394



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



33.1359, 27.2872, 43.0561



56.5943, 43.6292, 75.3917



30.9465, 26.4114, 31.5265



8.8207, 8.6350, 10.5542



17.9446, 8.6954, 25.9317



0.5731, 0.2770, 0.8604

Inverse Universe

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



33.1359, 27.2872, 43.0561



56.5943, 43.6292, 75.3917



30.2353, 38.2438, 36.7556



8.8207, 8.6350, 10.5542



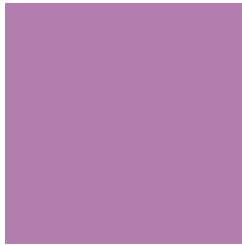
17.9446, 8.6954, 25.9317



0.5731, 0.2770, 0.8604

Previews

White Background



This preview shows how the XYZ color 33.1351, 27.2860, 43.0555 looks on a white background.

Color Contrast Check

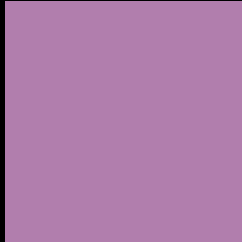
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.1351, 27.2860, 43.0555 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 33.1351, 27.2860, 43.0555

Background



This preview shows how black text looks on a background with the XYZ color 33.1351, 27.2860, 43.0555.



This preview shows how white text looks on a background with the XYZ color 33.1351, 27.2860,

43.0555.

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

33.1351, 27.2860, 43.0555

Protanopia

27.6923, 27.4160, 49.1797

Deuteranopia

27.9615, 27.4981, 41.8641



Tritanopia

30.3673, 27.3398, 29.2678

Trichromacy



Original Color

33.1351, 27.2860, 43.0555

Protanomaly

29.2551, 27.1995, 46.8881

Deuteranomaly

29.5322, 27.2368, 42.2288

Tritanomaly

31.1880, 27.2638, 33.7557

Monochromacy



Original Color

33.1351, 27.2860, 43.0555

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.3339, 28.1346, 35.3370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1351, 27.2860, 43.0555 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(177, 126, 173)` looks like.

```
.text, #text, p{  
    color:rgb(177, 126, 173)  
}
```

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(177, 126, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 126, 173) }
```

Border

The CSS property to change the border of an element to XYZ 33.1351, 27.2860, 43.0555 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(177, 126, 173) }
```


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

```
.border{ border-color:rgb(177, 126, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 126, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 126, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 126, 173);  
box-shadow:4px 4px 4px 4px rgb(177, 126,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1351, 27.2860, 43.0555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 126, 173) }
```

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

```
.background{ background-color: rgb(177,  
126, 173) }
```

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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