

Converting Colors

XYZ(33.0193, 29.2212, 33.2941)

Have a look what the booklet for
XYZ(33.0193, 29.2212, 33.2941)
contains.

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Color

**XYZ(33.0723, 29.2656,
33.1839)**

Conversions

Conversions Part 1

Format	Color
Hex	B48797
RGB	180, 135, 151
RGB Percent	71%, 53%, 59%
CMY	0.2941, 0.4706, 0.4078
CMYK	0.00, 0.25, 0.16, 0.29
HSL	339°, 23%, 62%
HSV	339°, 25%, 71%
XYZ	33.0723, 29.2656, 33.1839
YIQ	150.2790, 21.6840, 14.5160

Conversions

Conversions Part 2

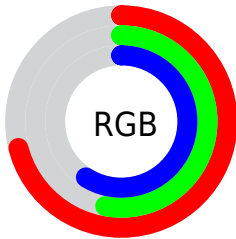
Format	Color
RYB	180, 135, 151
Decimal	11831191
CIELab	61.02, 19.72, -1.81
CIELCh	61, 19.798, 354.763
Yxy	29.2656, 0.3462, 0.3064
Android (android.graphics.Color)	4290021271 (0xFFB48797)
YUV	150.2790, 0.3555, 26.0653
Hunter-Lab	54.0977, 14.4540, 1.4995

Details

The XYZ color **33.0723, 29.2656, 33.1839** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.0150, 40.4746, 41.1962**, and the grayscale version is **29.1007, 30.6162, 33.3410**.

A 20% lighter version of the original color is **63.8091, 58.6358, 65.7124**, and **14.1529, 11.8527, 13.5985** is the 20% darker color. If you saturate the color by 10%, you get **29.8738, 24.3028, 27.6960**, and if you desaturate by 10%, it is **36.7897, 35.1174, 39.3029**.

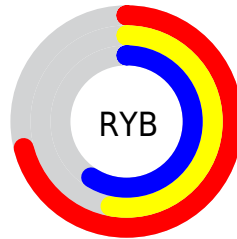
Distribution



Red (71%)

Green (53%)

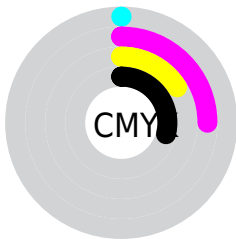
Blue (59%)



Red (71%)

Yellow (53%)

Blue (59%)

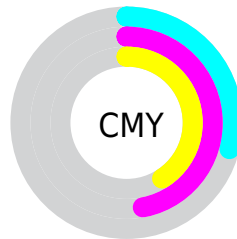


Cyan (0%)

Magenta (25%)

Yellow (16%)

Black (29%)



Cyan (29%)


Magenta (47%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0723, 29.2656, 33.1839 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 33.0723, 29.2656, 33.1839 by changing the saturation by 10% instead.


 33.0723, 29.2656,
33.1839


 33.0723, 29.2656,
33.1839


307.6346,
298.4661, 331.1350

 22.3413, 19.2818,
21.9951


 63.8423, 58.4988,
65.7819

 14.2259, 11.8741,
13.6550


 84.6121, 78.5170,
88.0281

 8.3607, 6.6580,
7.7451


 109.4588,
102.6489, 114.7972

 4.3804, 3.2492,
3.8469

138.7479,
131.2787, 146.5077

 1.9195, 1.2632,
1.5417

172.8446,
164.7910, 183.5782

 0.5881, 0.1124,
0.2487

212.1145,

 0.0000, 0.0000,

203.5700, 226.4273

0.0000

256.9227,
248.0003, 275.4733

■ 33.0723, 29.2656,
33.1839

■ 33.0723, 29.2656,
33.1839

■ 29.8738, 24.3028,
27.6960

■ 36.7897, 35.1174,
39.3029

■ 27.1679, 20.1811,
22.8163

■ 41.0461, 41.8948,
46.0712

■ 24.9292, 16.8544,
18.5229

■ 45.8632, 49.6374,
53.5087

■ 23.1294, 14.2705,
14.7918

■ 51.2610, 58.3811,
61.6336

■ 21.7367, 12.3707,
11.5973

■ 57.2583, 68.1601,
70.4634

■ 20.7147, 11.0875,
8.9109

■ 63.8733, 79.0069,
80.0152

■ 20.0193, 10.3385,
6.7008

■ 69.1775, 87.0614,
89.6568

■ 19.7477, 10.0735,
5.7528

■ 70.8825, 87.7434,
98.6354

■ 72.6326, 88.4434,
107.8509

Harmonies

Analogous

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



32.0823, 29.2656, 40.8164



33.0723, 29.2656, 33.1839



32.5844, 29.2656, 26.2601

Triad

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



33.0723, 29.2656, 33.1839



25.7831, 29.2656, 20.5959



25.0424, 29.2656, 44.9823

Complementary

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



33.0723, 29.2656, 33.1839



33.0150, 40.4746, 41.1962

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.



23.5372, 29.2656, 38.2162



33.0723, 29.2656, 33.1839



23.9459, 29.2656, 24.3289

Square

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



33.0723, 29.2656, 33.1839



28.2728, 29.2656, 19.6746



23.1485, 29.2656, 30.5820



27.3643, 29.2656, 48.2708

Rectangle

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



33.0723, 29.2656, 33.1839



31.5015, 29.2656, 22.8453



23.1485, 29.2656, 30.5820



24.4300, 29.2656, 42.9928

Sweetspot

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



33.0731, 29.2669, 33.1845



72.7034, 73.2120, 80.8320



32.1101, 28.4641, 46.9821



15.6134, 15.6634, 17.3122



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



33.0731, 29.2669, 33.1845



56.6554, 47.9085, 54.5424



32.7215, 30.5037, 27.0864



8.6170, 8.5535, 9.4816



13.8120, 7.0424, 4.1699



0.4630, 0.2330, 0.2809

Inverse Universe

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



33.0731, 29.2669, 33.1845



56.6554, 47.9085, 54.5424



33.3669, 38.7191, 48.8953



8.6170, 8.5535, 9.4816



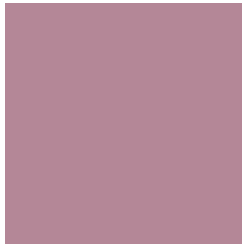
13.8120, 7.0424, 4.1699



0.4630, 0.2330, 0.2809

Previews

White Background



This preview shows how the XYZ color 33.0723, 29.2656, 33.1839 looks on a white background.

Color Contrast Check

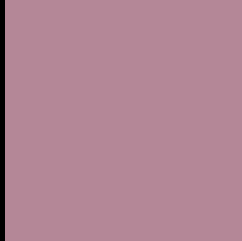
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.0723, 29.2656, 33.1839 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

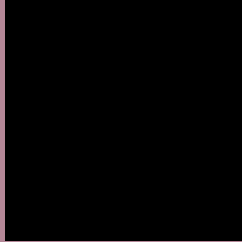
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.0723, 29.2656, 33.1839

Background



This preview shows how black text looks on a background with the XYZ color 33.0723, 29.2656, 33.1839.



This preview shows how white text looks on a background with the XYZ color 33.0723, 29.2656,

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

33.0723, 29.2656, 33.1839

Protanopia

28.6379, 29.5391, 36.5400

Deuteranopia

30.0254, 29.4240, 32.9511



Tritanopia

32.5829, 29.2673, 31.1260

Trichromacy



Original Color

33.0723, 29.2656, 33.1839

Protanomaly

30.0369, 29.3824, 35.0986

Deuteranomaly

31.0316, 29.2830, 32.8708

Tritanomaly

32.7399, 29.3301, 31.9527

Monochromacy



Original Color

33.0723, 29.2656, 33.1839

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.3284, 30.0299, 33.0520

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0723, 29.2656, 33.1839 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(180, 135, 151)` looks like.

```
.text, #text, p{  
    color:rgb(180, 135, 151)  
}
```

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(180, 135, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 135, 151) }
```

Border

The CSS property to change the border of an element to XYZ 33.0723, 29.2656, 33.1839 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(180, 135, 151) }
```


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

```
.border{ border-color:rgb(180, 135, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 135, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 135, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 135, 151);  
box-shadow:4px 4px 4px 4px rgb(180, 135,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0723, 29.2656, 33.1839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 135, 151) }
```

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

```
.background{ background-color: rgb(180,  
135, 151) }
```

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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