

Converting Colors

XYZ(36.2600, 29.3909, 33.8989)

Have a look what the booklet for
XYZ(36.2600, 29.3909, 33.8989)
contains.

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Color

**XYZ(36.2339, 29.4740,
33.9163)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C48099 |
| RGB | 196, 128, 153 |
| RGB Percent | 77%, 50%, 60% |
| CMY | 0.2314, 0.4980, 0.4000 |
| CMYK | 0.00, 0.35, 0.22, 0.23 |
| HSL | 338°, 37%, 64% |
| HSV | 338°, 35%, 77% |
| XYZ | 36.2339, 29.4740, 33.9163 |
| YIQ | 151.1820, 32.5030, 22.1910 |

Conversions

Conversions Part 2

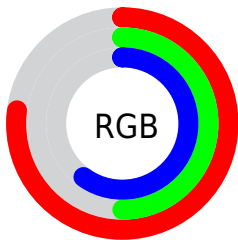
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 196, 128, 153 |
| Decimal | 12877977 |
| CIE _{Lab} | 61.20, 29.80, -2.48 |
| CIE _{LCh} | 61, 29.899, 355.251 |
| Yxy | 29.4740, 0.3637, 0.2959 |
| Android (android.graphics.Color) | 4291068057 (0xFFC48099) |
| YUV | 151.1820, 0.8963, 39.3054 |
| Hunter-Lab | 54.2900, 24.1260, 0.9630 |

Details

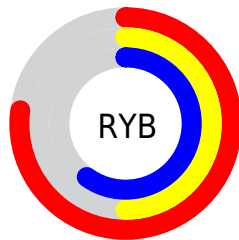
The XYZ color **36.2339, 29.4740, 33.9163** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.9940, 47.0101, 45.7071**, and the grayscale version is **29.4806, 31.0159, 33.7763**.

A 20% lighter version of the original color is **68.8635, 59.0317, 66.7962**, and **16.1072, 12.0708, 14.0513** is the 20% darker color. If you saturate the color by 10%, you get **32.9489, 24.4579, 28.0301**, and if you desaturate by 10%, it is **40.1207, 35.5230, 40.5285**.

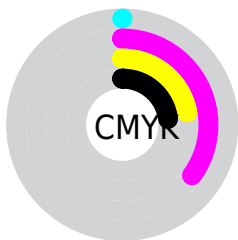
Distribution



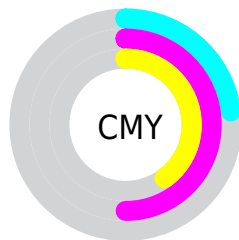
- Red (77%)
- Green (50%)
- Blue (60%)



- Red (77%)
- Yellow (50%)
- Blue (60%)



- Cyan (0%)
- Magenta (35%)
- Yellow (22%)
- Black (23%)




- Cyan (23%)
- Magenta (50%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.2339, 29.4740, 33.9163 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 36.2339, 29.4740, 33.9163 by changing the saturation by 10% instead.


 36.2339, 29.4740,
33.9163


 36.2339, 29.4740,
33.9163


321.3952,
299.4449, 334.5164


 24.7858, 19.4397,
22.5525


 68.7144, 58.8293,
66.9359

 16.0455, 11.9884,
14.0612

 90.4776, 78.9192,
89.4287

 9.6474, 6.7358,
8.0240


 116.4099,
103.1296, 116.4683

 5.2263, 3.2974,
4.0223

146.8767,
131.8450, 148.4732

 2.4167, 1.2889,
1.6376

182.2432,
165.4499, 185.8619

 0.8535, 0.1326,
0.3174

222.8749,

 0.0000, 0.0000,

204.3286, 229.0530

0.0000

269.1371,
248.8654, 278.4650

■ 36.2339, 29.4740,
33.9163

■ 36.2339, 29.4740,
33.9163

■ 32.9489, 24.4579,
28.0301

■ 40.1207, 35.5230,
40.5285

■ 30.2314, 20.4122,
22.8416

■ 44.6363, 42.6544,
47.8898

■ 28.0475, 17.2740,
18.3230


■ 49.8086, 50.9196,
56.0248


■ 26.3583, 14.9711,
14.4436


■ 55.6636, 60.3656,
64.9559

■ 25.1190, 13.4204,
11.1700


■ 62.2254, 71.0364,
74.7050


 24.2760, 12.5209,
8.4643

 69.5172, 82.9739,
85.2927

 23.9365, 12.2044,
7.2339

 74.2183, 89.5331,
95.6249

 76.1211, 90.2942,
105.6447

 76.5751, 90.4758,
108.0354

Harmonies

Analogous

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



34.6884, 29.4740, 46.0652



36.2339, 29.4740, 33.9163



35.4144, 29.4740, 23.7222

Triad

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



36.2339, 29.4740, 33.9163



24.9147, 29.4740, 16.2364



23.9265, 29.4740, 53.3442

Complementary

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



36.2339, 29.4740, 33.9163



35.9940, 47.0101, 45.7071

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.



21.7241, 29.4740, 42.2303



36.2339, 29.4740, 33.9163



22.2561, 29.4740, 21.2759

Square

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



36.2339, 29.4740, 33.9163



28.6440, 29.4740, 15.0040



21.1422, 29.4740, 30.3347



27.3936, 29.4740, 58.8304

Rectangle

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



36.2339, 29.4740, 33.9163



33.6740, 29.4740, 19.0526



21.1422, 29.4740, 30.3347



23.0270, 29.4740, 50.0326

Sweetspot

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



36.2347, 29.4754, 33.9169



84.9592, 83.8003, 93.2611



34.2473, 27.9640, 55.8174



17.9029, 17.4869, 19.5166



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



36.2347, 29.4754, 33.9169



60.8129, 46.0079, 52.8413



35.4571, 30.8853, 24.5164



10.2228, 10.1377, 11.2641



15.4184, 7.8571, 4.8493



0.6995, 0.3528, 0.3851

Inverse Universe

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



36.2347, 29.4754, 33.9169



60.8129, 46.0079, 52.8413



36.8644, 44.5705, 58.8849



10.2228, 10.1377, 11.2641



15.4184, 7.8571, 4.8493



0.6995, 0.3528, 0.3851

Previews

White Background



This preview shows how the XYZ color 36.2339, 29.4740, 33.9163 looks on a white background.

Color Contrast Check

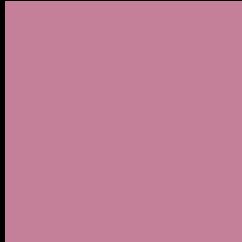
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.2339, 29.4740, 33.9163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

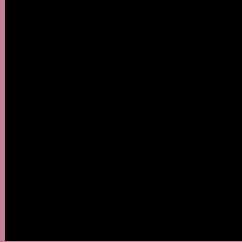
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.2339, 29.4740, 33.9163

Background



This preview shows how black text looks on a background with the XYZ color 36.2339, 29.4740, 33.9163.



This preview shows how white text looks on a background with the XYZ color 36.2339, 29.4740,

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

36.2339, 29.4740, 33.9163

Protanopia

29.0793, 29.6950, 39.7964

Deuteranopia

30.0254, 29.4240, 32.9511



Tritanopia

35.2219, 29.4608, 28.6411

Trichromacy



Original Color

36.2339, 29.4740, 33.9163

Protanomaly

31.1209, 29.2219, 37.7184

Deuteranomaly

32.1300, 29.4100, 33.2614

Tritanomaly

35.4668, 29.3469, 30.5833

Monochromacy



Original Color

36.2339, 29.4740, 33.9163

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.4263, 30.1274, 33.8646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.2339, 29.4740, 33.9163 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(196, 128, 153)` looks like.

```
.text, #text, p{  
    color:rgb(196, 128, 153)  
}
```

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(196, 128, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 128, 153) }
```

Border

The CSS property to change the border of an element to XYZ 36.2339, 29.4740, 33.9163 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(196, 128, 153) }
```


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

```
.border{ border-color:rgb(196, 128, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 128, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 128, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 128, 153);  
box-shadow:4px 4px 4px 4px rgb(196, 128,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 36.2339, 29.4740, 33.9163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 128, 153) }
```

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

```
.background{ background-color: rgb(196,  
128, 153) }
```

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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