

Converting Colors

XYZ(36.5437, 29.8378, 33.5390)

Have a look what the booklet for
XYZ(36.5437, 29.8378, 33.5390)
contains.

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Color

**XYZ(36.5437, 29.8378,
33.5390)**

Conversions

Conversions Part 1

Format	Color
Hex	C58198
RGB	197, 129, 152
RGB Percent	77%, 51%, 60%
CMY	0.2274, 0.4941, 0.4039
CMYK	0.00, 0.35, 0.23, 0.23
HSL	340°, 37%, 64%
HSV	340°, 35%, 77%
XYZ	36.5437, 29.8378, 33.5390
YIQ	151.9540, 33.1450, 21.5690

Conversions

Conversions Part 2

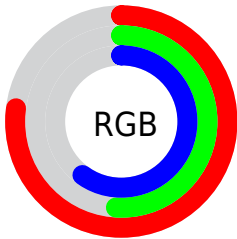
Format	Color
R_{YB}	197, 129, 152
Decimal	12943768
CIE _{Lab}	61.51, 29.46, -1.43
CIE _{LCh}	62, 29.498, 357.230
Yxy	29.8378, 0.3657, 0.2986
Android (android.graphics.Color)	4291133848 (0xFFC58198)
YUV	151.9540, 0.0227, 39.5053
Hunter-Lab	54.6240, 23.8253, 1.8329

Details

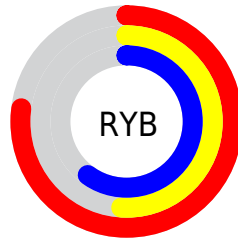
The XYZ color **36.5437, 29.8378, 33.5390** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.6608, 47.6564, 47.3130**, and the grayscale version is **29.8158, 31.3685, 34.1603**.

A 20% lighter version of the original color is **69.3141, 59.5832, 66.2400**, and **16.2287, 12.1391, 13.7997** is the 20% darker color. If you saturate the color by 10%, you get **33.1848, 24.7358, 27.4376**, and if you desaturate by 10%, it is **40.5219, 35.9900, 40.4267**.

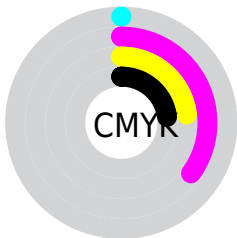
Distribution



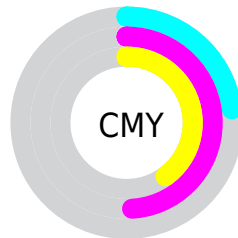
- Red (77%)
- Green (51%)
- Blue (60%)



- Red (77%)
- Yellow (51%)
- Blue (60%)



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




- Cyan (23%)
- Magenta (49%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5437, 29.8378, 33.5390 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 36.5437, 29.8378, 33.5390 by changing the saturation by 10% instead.


 36.5437, 29.8378,
33.5390


 36.5437, 29.8378,
33.5390


322.7207,
301.1477, 332.7777


 25.0264, 19.7155,
22.2652


 69.1888, 59.4056,
66.3418

 16.2256, 12.1884,
13.8517


 91.0474, 79.6198,
88.7079

 9.7758, 6.8721,
7.8800


 117.0838,
103.9669, 115.6085

 5.3117, 3.3823,
3.9316

147.6634,
132.8311, 147.4621

 2.4679, 1.3344,
1.5879

183.1516,
166.5969, 184.6873

 0.8791, 0.1676,
0.2822

223.9136,

 0.0000, 0.0000,

205.6487, 227.7026

0.0000

270.3148,
250.3708, 276.9266

■ 36.5437, 29.8378,
33.5390

■ 36.5437, 29.8378,
33.5390

■ 33.1848, 24.7358,
27.4376

■ 40.5219, 35.9900,
40.4267

■ 30.4101, 20.6207,
22.0910

■ 45.1471, 43.2428,
48.1267

■ 28.1846, 17.4285,
17.4684


■ 50.4482, 51.6483,
56.6659


■ 26.4685, 15.0863,
13.5357


■ 56.4516, 61.2540,
66.0696


■ 25.2159, 13.5097,
10.2555


■ 63.1824, 72.1048,
76.3618

 24.3720, 12.5967,
7.5859

 70.6643, 84.2433,
87.5656

 24.0280, 12.2711,
6.3536

 75.0036, 89.8774,
98.3977

 76.8361, 90.6104,
108.0476

Harmonies

Analogous

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



35.1564, 29.8378, 45.5786



36.5437, 29.8378, 33.5390



35.5770, 29.8378, 23.6056

Triad

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



36.5437, 29.8378, 33.5390



25.0599, 29.8378, 16.8685



24.4854, 29.8378, 54.1417

Complementary

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



36.5437, 29.8378, 33.5390



36.6608, 47.6564, 47.3130

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.



22.1915, 29.8378, 43.3591



36.5437, 29.8378, 33.5390



22.5012, 29.8378, 22.1801

Square

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



36.5437, 29.8378, 33.5390



28.7245, 29.8378, 15.3901



21.4994, 29.8378, 31.4598



27.9985, 29.8378, 59.0606

Rectangle

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



36.5437, 29.8378, 33.5390



33.7726, 29.8378, 19.1169



21.4994, 29.8378, 31.4598



23.5589, 29.8378, 50.9771

Sweetspot

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



36.5445, 29.8392, 33.5396



84.8487, 83.7561, 92.6791



35.2073, 28.6403, 56.4961



17.8763, 17.4762, 19.3764



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.



36.5445, 29.8392, 33.5396



61.0609, 46.7536, 52.1539



36.2511, 31.9799, 25.0327



10.7794, 10.6951, 11.8216



15.8395, 8.0854, 4.3647



0.7839, 0.3964, 0.3854

Inverse Universe

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



36.5445, 29.8392, 33.5396



61.0609, 46.7536, 52.1539



36.8602, 44.1551, 59.4036



10.7794, 10.6951, 11.8216



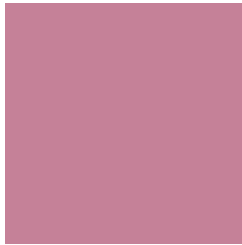
15.8395, 8.0854, 4.3647



0.7839, 0.3964, 0.3854

Previews

White Background



This preview shows how the XYZ color 36.5437, 29.8378, 33.5390 looks on a white background.

Color Contrast Check

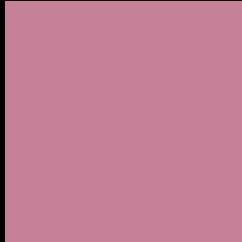
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.5437, 29.8378, 33.5390 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 36.5437, 29.8378, 33.5390

Background



This preview shows how black text looks on a background with the XYZ color 36.5437, 29.8378, 33.5390.



This preview shows how white text looks on a background with the XYZ color 36.5437, 29.8378,

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

36.5437, 29.8378, 33.5390

Protanopia

29.2334, 30.0272, 38.9054

Deuteranopia

30.5023, 29.9030, 32.5980



Tritanopia

35.6890, 29.8914, 29.0879

Trichromacy



Original Color

36.5437, 29.8378, 33.5390

Protanomaly

31.2999, 29.5523, 36.8554

Deuteranomaly

32.4168, 29.7812, 32.8940

Tritanomaly

35.8584, 29.7454, 30.6395

Monochromacy



Original Color

36.5437, 29.8378, 33.5390

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

31.7892, 30.5383, 33.9248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5437, 29.8378, 33.5390 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(197, 129, 152)` looks like.

```
.text, #text, p{  
    color:rgb(197, 129, 152)  
}
```

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(197, 129, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 129, 152) }
```

Border

The CSS property to change the border of an element to XYZ 36.5437, 29.8378, 33.5390 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(197, 129, 152) }
```


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

```
.border{ border-color:rgb(197, 129, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 129, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 129, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 129, 152);  
box-shadow:4px 4px 4px 4px rgb(197, 129,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5437, 29.8378, 33.5390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 129, 152) }
```

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

```
.background{ background-color: rgb(197,  
129, 152) }
```

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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