

Converting Colors

XYZ(36.3511, 29.1831, 30.2337)

Have a look what the booklet for
XYZ(36.3511, 29.1831, 30.2337)
contains.

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Color

**XYZ(36.3143, 29.2147,
30.1106)**

Conversions

Conversions Part 1

Format	Color
Hex	C87E90
RGB	200, 126, 144
RGB Percent	78%, 49%, 56%
CMY	0.2157, 0.5059, 0.4353
CMYK	0.00, 0.37, 0.28, 0.22
HSL	345°, 40%, 64%
HSV	345°, 37%, 78%
XYZ	36.3143, 29.2147, 30.1106
YIQ	150.1780, 38.3260, 21.2860

Conversions

Conversions Part 2

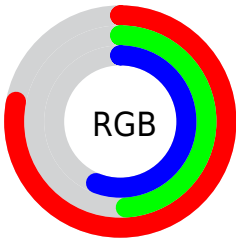
Format	Color
R _Y B	200, 126, 144
Decimal	13139600
CIE Lab	60.97, 31.04, 2.41
CIE LCh	61, 31.136, 4.433
Yxy	29.2147, 0.3797, 0.3055
Android (android.graphics.Color)	4291329680 (0xFFC87E90)
YUV	150.1780, -3.0458, 43.6939
Hunter-Lab	54.0506, 25.3379, 4.8061

Details

The XYZ color **36.3143, 29.2147, 30.1106** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.7033, 49.1222, 51.7528**, and the grayscale version is **29.0669, 30.5806, 33.3023**.

A 20% lighter version of the original color is **67.7543, 57.9797, 61.0462**, and **16.0381, 11.7696, 12.0161** is the 20% darker color. If you saturate the color by 10%, you get **32.9275, 24.1699, 23.6516**, and if you desaturate by 10%, it is **40.3691, 35.3468, 37.5581**.

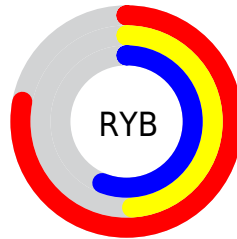
Distribution



Red (78%)

Green (49%)

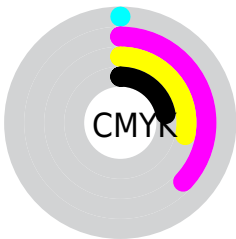
Blue (56%)



Red (78%)

Yellow (49%)

Blue (56%)

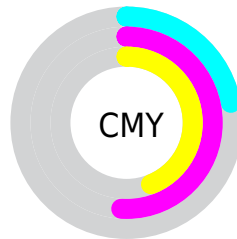


Cyan (0%)

Magenta (37%)

Yellow (28%)

Black (22%)



Cyan (22%)

Magenta (51%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.3143, 29.2147, 30.1106 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 36.3143, 29.2147, 30.1106 by changing the saturation by 10% instead.


 36.3143, 29.2147,
30.1106

 36.3143, 29.2147,
30.1106


321.7395,
298.2266, 316.6430


 24.8483, 19.2433,
19.6698


 68.8376, 58.4180,
60.9001

 16.0922, 11.8462,
11.9736

 90.6256, 78.4187,
82.0859

 9.6807, 6.6390,
6.6033


 116.5849,
102.5314, 107.6904

 5.2484, 3.2374,
3.1406

147.0810,
131.1403, 138.1322

 2.4300, 1.2569,
1.1669

182.4791,
164.6298, 173.8298

 0.8601, 0.1075,
0.0000

223.1447,

 0.0000, 0.0000,

203.3845, 215.2018

0.0000

269.4431,
247.7886, 262.6667

■ 36.3143, 29.2147,
30.1106

■ 36.3143, 29.2147,
30.1106

■ 32.9275, 24.1699,
23.6516

■ 40.3691, 35.3468,
37.5581

■ 30.1695, 20.1445,
18.1370

■ 45.1233, 42.6204,
46.0323

■ 28.0007, 17.0695,
13.5215


■ 50.6093, 51.0914,
55.5714


■ 26.3757, 14.8654,
9.7556


■ 56.8566, 60.8104,
66.2109


■ 25.2422, 13.4397,
6.7840


■ 63.8933, 71.8255,
77.9850

 24.5315, 12.6685,
4.5428

 71.7458, 84.1818,
90.9260

 24.3663, 12.4981,
3.9942

 76.8274, 90.6986,
103.8611

 77.6295, 91.0194,
108.0847

Harmonies

Analogous

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



35.4340, 29.2147, 42.4842



36.3143, 29.2147, 30.1106



34.7279, 29.2147, 20.7550

Triad

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



36.3143, 29.2147, 30.1106



23.5776, 29.2147, 16.6859



24.5285, 29.2147, 56.5836

Complementary

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



36.3143, 29.2147, 30.1106



37.7033, 49.1222, 51.7528

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.



21.8058, 29.2147, 46.2237



36.3143, 29.2147, 30.1106



21.2955, 29.2147, 23.0924

Square

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



36.3143, 29.2147, 30.1106



27.1679, 29.2147, 14.3015



20.6797, 29.2147, 33.5718



28.3763, 29.2147, 59.7618

Rectangle

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



36.3143, 29.2147, 30.1106



32.5678, 29.2147, 16.8519



20.6797, 29.2147, 33.5718



23.4640, 29.2147, 53.7195

Sweetspot

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



36.3151, 29.2161, 30.1112



83.5139, 82.0982, 89.1150



37.0607, 28.9777, 58.2836



17.5953, 17.1398, 18.5873



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.



36.3151, 29.2161, 30.1112



58.2964, 43.7505, 43.4455



37.6355, 33.8854, 24.2974



10.7379, 10.6785, 11.6029



15.5230, 7.9588, 2.6980



0.7647, 0.3887, 0.2840

Inverse Universe

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



36.3151, 29.2161, 30.1112



58.2964, 43.7505, 43.4455



35.6563, 41.8582, 60.8438



10.7379, 10.6785, 11.6029



15.5230, 7.9588, 2.6980



0.7647, 0.3887, 0.2840

Previews

White Background



This preview shows how the XYZ color 36.3143, 29.2147, 30.1106 looks on a white background.

Color Contrast Check

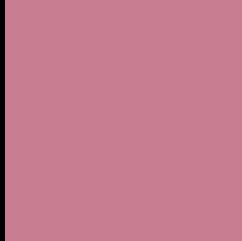
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.3143, 29.2147, 30.1106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

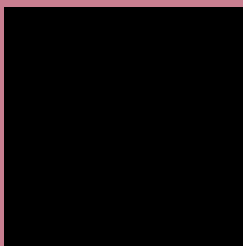
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.3143, 29.2147, 30.1106

Background



This preview shows how black text looks on a background with the XYZ color 36.3143, 29.2147, 30.1106.



This preview shows how white text looks on a background with the XYZ color 36.3143, 29.2147,

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

36.3143, 29.2147, 30.1106

Protanopia

28.6472, 29.5636, 35.6490

Deuteranopia

29.9400, 29.4605, 29.3077



Tritanopia

35.6579, 29.1270, 27.4096

Trichromacy



Original Color

36.3143, 29.2147, 30.1106

Protanomaly

30.8365, 28.9477, 33.6680

Deuteranomaly

31.9596, 29.1914, 29.5412

Tritanomaly

35.8762, 29.2143, 28.5590

Monochromacy



Original Color

36.3143, 29.2147, 30.1106

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

31.0186, 29.5127, 32.0786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3143, 29.2147, 30.1106 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(200, 126, 144)` looks like.

```
.text, #text, p{  
    color:rgb(200, 126, 144)  
}
```

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(200, 126, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 126, 144) }
```

Border

The CSS property to change the border of an element to XYZ 36.3143, 29.2147, 30.1106 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(200, 126, 144) }
```


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

```
.border{ border-color:rgb(200, 126, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 126, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 126, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 126, 144);  
box-shadow:4px 4px 4px 4px rgb(200, 126,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3143, 29.2147, 30.1106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 126, 144) }
```

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

```
.background{ background-color: rgb(200,  
126, 144) }
```

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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