

Converting Colors

XYZ(37.2396, 29.1856, 44.4747)

Have a look what the booklet for
XYZ(37.2396, 29.1856, 44.4747)
contains.

| | |
|--|----|
| XYZ(37.3196, 29.2317, 44.2328) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(37.3196, 29.2317,
44.2328)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C27DAF |
| RGB | 194, 125, 175 |
| RGB Percent | 76%, 49%, 69% |
| CMY | 0.2392, 0.5098, 0.3137 |
| CMYK | 0.00, 0.36, 0.10, 0.24 |
| HSL | 317°, 36%, 63% |
| HSV | 317°, 36%, 76% |
| XYZ | 37.3196, 29.2317, 44.2328 |
| YIQ | 151.3310, 25.0740, 30.1780 |

Conversions

Conversions Part 2

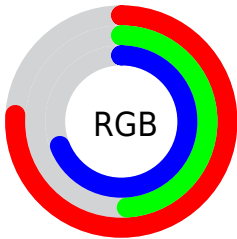
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 194, 125, 175 |
| Decimal | 12746159 |
| CIELab | 60.99, 34.30, -15.39 |
| CIELCh | 61, 37.591, 335.832 |
| Yxy | 29.2317, 0.3369, 0.2639 |
| Android (android.graphics.Color) | 4290936239 (0xFFC27DAF) |
| YUV | 151.3310, 11.6688, 37.4207 |
| Hunter-Lab | 54.0663, 28.5945, -10.6599 |

Details

The XYZ color **37.3196, 29.2317, 44.2328** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **32.7845, 44.9580, 33.3373**, and the grayscale version is **29.5020, 31.0384, 33.8008**.

A 20% lighter version of the original color is **70.3276, 58.5190, 83.1899**, and **16.6091, 11.7917, 19.8130** is the 20% darker color. If you saturate the color by 10%, you get **34.5851, 24.5856, 40.7837**, and if you desaturate by 10%, it is **40.5562, 34.8481, 47.9523**.

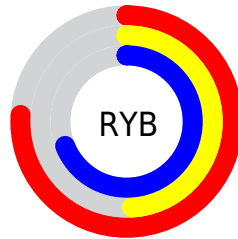
Distribution



Red (76%)

Green (49%)

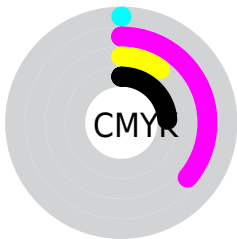
Blue (69%)



Red (76%)

Yellow (49%)

Blue (69%)

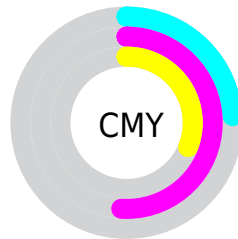


Cyan (0%)

Magenta (36%)

Yellow (10%)

Black (24%)



Cyan (24%)


Magenta (51%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.3196, 29.2317, 44.2328 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 37.3196, 29.2317, 44.2328 by changing the saturation by 10% instead.


 37.3196, 29.2317,
44.2328

 37.3196, 29.2317,
44.2328

326.0237,
298.3066, 379.7265


 25.6298, 19.2562,
30.5150

 70.3747, 58.4450,
82.8741

 16.6782, 11.8555,
19.9745


 92.4708, 78.4516,
108.6348

 10.0992, 6.6454,
12.1926


 118.7663,
102.5706, 139.2468

 5.5275, 3.2413,
6.7509

149.6267,
131.1865, 175.1288

 2.5979, 1.2590,
3.2307

185.4173,
164.6837, 216.6992

 0.9449, 0.1091,
1.2136

226.5034,

 0.0000, 0.0000,

203.4465, 264.3766

0.0000

273.2504,
247.8593, 318.5795

■ 37.3196, 29.2317,
44.2328

■ 37.3196, 29.2317,
44.2328

■ 34.5851, 24.5856,
40.7837

■ 40.5562, 34.8481,
47.9523

■ 32.3219, 20.8495,
37.5926

■ 44.3184, 41.4824,
51.9503

■ 30.4996, 17.9628,
34.6486

■ 48.6312, 49.1838,
56.2366

■ 29.0832, 15.8558,
31.9388

■ 53.5171, 57.9974,
60.8197

■ 28.0319, 14.4474,
29.4483

■ 58.9976, 67.9653,
65.7080

■ 27.2956, 13.6378,
27.1592

■ 65.0929, 79.1278,
70.9091

■ 27.0247, 13.3800,
26.1930

■ 69.9422, 87.7630,
75.8040

■ 70.6292, 88.0378,
79.4216

■ 71.3387, 88.3216,
83.1578

Harmonies

Analogous

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



33.6862, 29.2317, 59.1713



37.3196, 29.2317, 44.2328



38.2756, 29.2317, 29.1587

Triad

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



37.3196, 29.2317, 44.2328



26.8353, 29.2317, 11.7939



20.8102, 29.2317, 50.4290

Complementary

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



37.3196, 29.2317, 44.2328



32.7845, 44.9580, 33.3373

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.



19.4093, 29.2317, 34.6562



37.3196, 29.2317, 44.2328



22.6146, 29.2317, 14.5531

Square

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



37.3196, 29.2317, 44.2328



31.8316, 29.2317, 12.9823



20.0288, 29.2317, 21.9912



24.0946, 29.2317, 63.4241

Rectangle

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



37.3196, 29.2317, 44.2328



37.1786, 29.2317, 21.4393



20.0288, 29.2317, 21.9912



20.1222, 29.2317, 45.1256

Sweetspot

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



37.3205, 29.2330, 44.2334



83.5983, 81.0379, 97.4643



28.4696, 24.4392, 54.2561



18.0744, 17.3315, 21.1105



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.



37.3205, 29.2330, 44.2334



63.5252, 45.9986, 75.0296



34.3980, 28.0640, 28.8437



10.3751, 10.1987, 12.0660



17.8038, 8.8113, 17.4109



0.7971, 0.3919, 0.8989

Inverse Universe

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



37.3205, 29.2330, 44.2334



63.5252, 45.9986, 75.0296



35.7761, 46.1547, 49.0909



10.3751, 10.1987, 12.0660



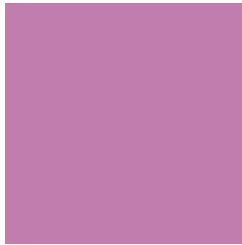
17.8038, 8.8113, 17.4109



0.7971, 0.3919, 0.8989

Previews

White Background



This preview shows how the XYZ color 37.3196, 29.2317, 44.2328 looks on a white background.

Color Contrast Check

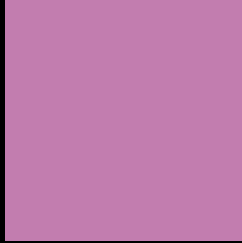
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.3196, 29.2317, 44.2328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

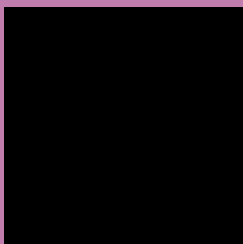
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.3196, 29.2317, 44.2328

Background



This preview shows how black text looks on a background with the XYZ color 37.3196, 29.2317, 44.2328.



This preview shows how white text looks on a background with the XYZ color 37.3196, 29.2317,

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

37.3196, 29.2317, 44.2328

Protanopia

29.7265, 29.5097, 52.8444

Deuteranopia

29.9973, 29.4091, 43.1252



Tritanopia

34.1592, 29.1028, 29.0163

Trichromacy



Original Color

37.3196, 29.2317, 44.2328

Protanomaly

31.7501, 28.8478, 49.7937

Deuteranomaly

32.2144, 29.0154, 43.4378

Tritanomaly

35.0859, 29.0768, 33.9001

Monochromacy



Original Color

37.3196, 29.2317, 44.2328

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.9545, 30.0996, 37.3833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3196, 29.2317, 44.2328 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(194, 125, 175)` looks like.

```
.text, #text, p{  
    color:rgb(194, 125, 175)  
}
```

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(194, 125, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 125, 175) }
```

Border

The CSS property to change the border of an element to XYZ 37.3196, 29.2317, 44.2328 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(194, 125, 175) }
```


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

```
.border{ border-color:rgb(194, 125, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 125, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 125, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 125, 175);  
box-shadow:4px 4px 4px 4px rgb(194, 125,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3196, 29.2317, 44.2328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 125, 175) }
```

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

```
.background{ background-color: rgb(194,  
125, 175) }
```

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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