

Converting Colors

XYZ(36.0362, 27.4839, 22.9920)

Have a look what the booklet for
XYZ(36.0362, 27.4839, 22.9920)
contains.

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Color

**XYZ(36.0237, 27.4070,
23.1301)**

Conversions

Conversions Part 1

Format	Color
Hex	D0747E
RGB	208, 116, 126
RGB Percent	82%, 45%, 49%
CMY	0.1843, 0.5451, 0.5059
CMYK	0.00, 0.44, 0.39, 0.18
HSL	353°, 49%, 64%
HSV	353°, 44%, 82%
XYZ	36.0237, 27.4070, 23.1301
YIQ	144.6480, 51.6220, 22.6140

Conversions

Conversions Part 2

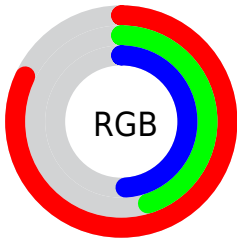
Format	Color
RYB	208, 116, 126
Decimal	13661310
CIELab	59.35, 37.06, 10.58
CIELCh	59, 38.542, 15.928
Yxy	27.4070, 0.4162, 0.3166
Android (android.graphics.Color)	4291851390 (0xFFD0747E)
YUV	144.6480, -9.1935, 55.5597
Hunter-Lab	52.3517, 31.2121, 10.4506

Details

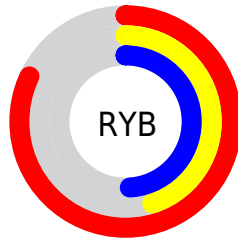
The XYZ color **36.0237, 27.4070, 23.1301** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **39.9527, 52.9026, 61.5345**, and the grayscale version is **26.7930, 28.1883, 30.6971**.

A 20% lighter version of the original color is **63.7514, 53.2641, 49.5688**, and **15.9924, 10.8957, 8.2814** is the 20% darker color. If you saturate the color by 10%, you get **32.8013, 22.7027, 16.6906**, and if you desaturate by 10%, it is **40.0060, 33.2762, 30.9173**.

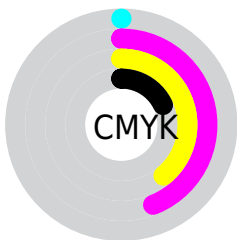
Distribution



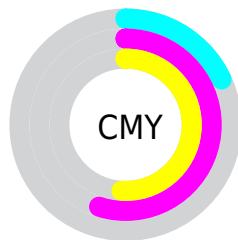
- Red (82%)
- Green (45%)
- Blue (49%)



- Red (82%)
- Yellow (45%)
- Blue (49%)



- Cyan (0%)
- Magenta (44%)
- Yellow (39%)
- Black (18%)





- Cyan (18%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.0237, 27.4070, 23.1301 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 36.0237, 27.4070, 23.1301 by changing the saturation by 10% instead.


 36.0237, 27.4070,
23.1301


 36.0237, 27.4070,
23.1301

320.4936,
289.6224, 281.5361


 24.6227, 17.8791,
14.4834


 68.3923, 55.5363,
49.5328

 15.9234, 10.8632,
8.3151


 90.0906, 74.9065,
68.1258

 9.5605, 5.9749,
4.2066


 115.9520, 98.3263,
90.8714

 5.1685, 2.8299,
1.7393

146.3419,
126.1800, 118.1880

 2.3823, 1.0436,
0.3875

181.6256,
158.8521, 150.4943

 0.8363, 0.0000,
0.0000

222.1686,

 0.0000, 0.0000,

196.7269, 188.2087

0.0000

268.3361,
240.1889, 231.7497

■ 36.0237, 27.4070,
23.1301

■ 36.0237, 27.4070,
23.1301

■ 32.8013, 22.7027,
16.6906

■ 40.0060, 33.2762,
30.9173

■ 30.2882, 19.0817,
11.5205

■ 44.7903, 40.3766,
40.1212

■ 28.4309, 16.4587,
7.5359


■ 50.4180, 48.7741,
50.8080


■ 27.1671, 14.7334,
4.6420


■ 56.9274, 58.5291,
63.0393

■ 26.4227, 13.7845,
2.7290

■ 64.3540, 69.6980,
76.8731

 26.1631, 13.4702,
2.0108

 72.7316, 82.3341,
92.3645

 79.8224, 92.1499,
108.1874

Harmonies

Analogous

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



36.1203, 27.4070, 36.7763



36.0237, 27.4070, 23.1301



33.0472, 27.4070, 14.5377

Triad

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



36.0237, 27.4070, 23.1301



19.9385, 27.4070, 14.9177



23.8591, 27.4070, 63.7291

Complementary

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



36.0237, 27.4070, 23.1301



39.9527, 52.9026, 61.5345

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.



20.1168, 27.4070, 53.2802



36.0237, 27.4070, 23.1301



18.0497, 27.4070, 23.8385

Square

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



36.0237, 27.4070, 23.1301



23.5865, 27.4070, 10.8949



18.1107, 27.4070, 37.7399



28.6783, 27.4070, 63.3605

Rectangle

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



36.0237, 27.4070, 23.1301



30.0182, 27.4070, 11.5672



18.1107, 27.4070, 37.7399



22.4470, 27.4070, 61.2532

Sweetspot

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



36.0244, 27.4084, 23.1306



80.9738, 78.8838, 82.5160



40.7272, 28.9526, 63.1163



16.8726, 16.1977, 16.7947



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.



36.0244, 27.4084, 23.1306



52.2789, 36.3931, 27.0192



40.2753, 36.8913, 21.5227



11.8602, 11.8288, 12.5397



16.3239, 8.4024, 1.3461



0.9308, 0.4770, 0.1703

Inverse Universe

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



36.0244, 27.4084, 23.1306



52.2789, 36.3931, 27.0192



33.4813, 38.0533, 65.2549



11.8602, 11.8288, 12.5397



16.3239, 8.4024, 1.3461



0.9308, 0.4770, 0.1703

Previews

White Background



This preview shows how the XYZ color 36.0237, 27.4070, 23.1301 looks on a white background.

Color Contrast Check

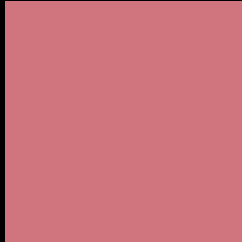
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.0237, 27.4070, 23.1301 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 36.0237, 27.4070, 23.1301

Background



This preview shows how black text looks on a background with the XYZ color 36.0237, 27.4070, 23.1301.



This preview shows how white text looks on a background with the XYZ color 36.0237, 27.4070,

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

36.0237, 27.4070, 23.1301

Protanopia

26.5887, 27.7414, 28.7642

Deuteranopia

28.1184, 27.5814, 22.2541



Tritanopia

35.9595, 27.3813, 22.7919

Trichromacy



Original Color

36.0237, 27.4070, 23.1301

Protanomaly

29.1229, 26.9593, 26.5904

Deuteranomaly

30.6138, 27.2191, 22.3792

Tritanomaly

35.9595, 27.3813, 22.7919

Monochromacy



Original Color

36.0237, 27.4070, 23.1301

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

29.2610, 27.2100, 27.7546

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.0237, 27.4070, 23.1301 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(208, 116, 126)` looks like.

```
.text, #text, p{  
    color:rgb(208, 116, 126)  
}
```

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(208, 116, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 116, 126) }
```

Border

The CSS property to change the border of an element to XYZ 36.0237, 27.4070, 23.1301 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(208, 116, 126) }
```


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

```
.border{ border-color:rgb(208, 116, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 116, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 116, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 116, 126);  
box-shadow:4px 4px 4px 4px rgb(208, 116,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 36.0237, 27.4070, 23.1301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 116, 126) }
```

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

```
.background{ background-color: rgb(208,  
116, 126) }
```

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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