

Converting Colors

XYZ(36.0700, 24.3237, 27.6810)

Have a look what the booklet for
XYZ(36.0700, 24.3237, 27.6810)
contains.

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Color

**XYZ(36.1597, 24.4399,
27.6225)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D4618C |
| RGB | 212, 97, 140 |
| RGB Percent | 83%, 38%, 55% |
| CMY | 0.1686, 0.6196, 0.4510 |
| CMYK | 0.00, 0.54, 0.34, 0.17 |
| HSL | 338°, 57%, 61% |
| HSV | 338°, 54%, 83% |
| XYZ | 36.1597, 24.4399, 27.6225 |
| YIQ | 136.2870, 54.7370, 37.7530 |

Conversions

Conversions Part 2

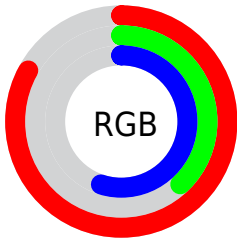
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 212, 97, 140 |
| Decimal | 13918604 |
| CIE Lab | 56.53, 49.69, -1.56 |
| CIE LCh | 57, 49.712, 358.196 |
| Yxy | 24.4399, 0.4099, 0.2770 |
| Android (android.graphics.Color) | 4292108684 (0xFFD4618C) |
| YUV | 136.2870, 1.8305, 66.4003 |
| Hunter-Lab | 49.4367, 44.0467, 1.4777 |

Details

The XYZ color **36.1597, 24.4399, 27.6225** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **35.6360, 52.4936, 45.7932**, and the grayscale version is **23.4891, 24.7124, 26.9118**.

A 20% lighter version of the original color is **61.9322, 47.2435, 56.3068**, and **15.9999, 9.2641, 10.6177** is the 20% darker color. If you saturate the color by 10%, you get **33.5355, 20.6645, 22.2066**, and if you desaturate by 10%, it is **39.4267, 29.3116, 33.8356**.

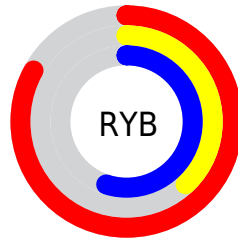
Distribution



Red (83%)

Green (38%)

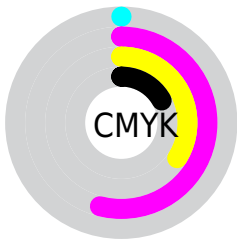
Blue (55%)



Red (83%)

Yellow (38%)

Blue (55%)

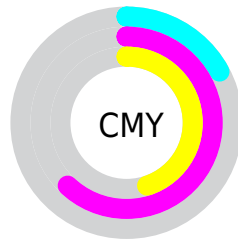


Cyan (0%)

Magenta (54%)

Yellow (34%)

Black (17%)



Cyan (17%)


Magenta (62%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1597, 24.4399, 27.6225 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 36.1597, 24.4399, 27.6225 by changing the saturation by 10% instead.


 36.1597, 24.4399,
27.6225


 36.1597, 24.4399,
27.6225


321.0771,
275.0370, 304.5136


 24.7282, 15.6603,
17.8047


 68.6007, 50.7471,
56.8970


 16.0024, 9.2841,
10.6419

 90.3410, 69.0435,
77.1908

 9.6167, 4.9269,
5.7155

 116.2483, 91.2808,
101.8137

 5.2059, 2.2045,
2.6069

 146.6880,
117.8437, 131.1843

 2.4045, 0.7224,
0.8960

182.0253,
149.1163, 165.7210

 0.8474, 0.0000,
0.0000

222.6257,

 0.0000, 0.0000,

185.4831, 205.8424

0.0000

268.8545,
227.3285, 251.9671

■ 36.1597, 24.4399,
27.6225

■ 36.1597, 24.4399,
27.6225

■ 33.5355, 20.6645,
22.2066

■ 39.4267, 29.3116,
33.8356

■ 31.5052, 17.8947,
17.5504

■ 43.3763, 35.3536,
40.8783

■ 30.0156, 16.0311,
13.6145

■ 48.0477, 42.6376,
48.7824

■ 29.0018, 14.9516,
10.3541

■ 53.4761, 51.2283,
57.5775

■ 28.5723, 14.5654,
8.7529

■ 59.6944, 61.1863,
67.2918

■ 66.7336, 72.5679,
77.9522

■ 74.6230, 85.4267,
89.5843

■ 79.5752, 92.1826,
100.9409

■ 80.9614, 92.7371,
108.2407

Harmonies

Analogous

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



33.9777, 24.4399, 47.0864



36.1597, 24.4399, 27.6225



34.4291, 24.4399, 14.2555

Triad

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



36.1597, 24.4399, 27.6225



18.3768, 24.4399, 7.2952



17.8648, 24.4399, 63.7232

Complementary

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



36.1597, 24.4399, 27.6225



35.6360, 52.4936, 45.7932

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.



14.7674, 24.4399, 44.6001



36.1597, 24.4399, 27.6225



15.0268, 24.4399, 13.1443

Square

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



36.1597, 24.4399, 27.6225



23.5800, 24.4399, 5.8242



13.8202, 24.4399, 25.6243



22.8823, 24.4399, 72.6079

Rectangle

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



36.1597, 24.4399, 27.6225



31.4272, 24.4399, 9.2710



13.8202, 24.4399, 25.6243



16.5977, 24.4399, 57.9732

Sweetspot

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



36.1604, 24.4411, 27.6230



79.5436, 75.1370, 84.7723



32.2902, 21.6201, 64.7586



16.6479, 15.4831, 17.5375



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.



36.1604, 24.4411, 27.6230



50.4371, 30.6880, 32.6374



34.9310, 26.1035, 14.5083



12.6134, 12.4968, 13.9042



17.6839, 9.0099, 5.6393



1.1061, 0.5592, 0.5480

Inverse Universe

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



36.1604, 24.4411, 27.6230



50.4371, 30.6880, 32.6374



37.1420, 47.9510, 69.5853



12.6134, 12.4968, 13.9042



17.6839, 9.0099, 5.6393



1.1061, 0.5592, 0.5480

Previews

White Background



This preview shows how the XYZ color 36.1597, 24.4399, 27.6225 looks on a white background.

Color Contrast Check

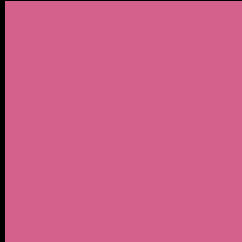
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.1597, 24.4399, 27.6225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

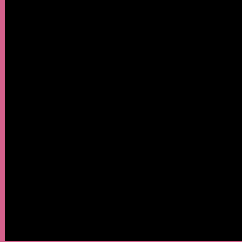
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.1597, 24.4399, 27.6225

Background



This preview shows how black text looks on a background with the XYZ color 36.1597, 24.4399, 27.6225.



This preview shows how white text looks on a background with the XYZ color 36.1597, 24.4399,

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

36.1597, 24.4399, 27.6225

Protanopia

24.5707, 24.7541, 38.6050

Deuteranopia

25.1320, 24.7078, 25.9987



Tritanopia

34.2431, 24.5279, 17.6814

Trichromacy



Original Color

36.1597, 24.4399, 27.6225

Protanomaly

27.2510, 23.5149, 34.1129

Deuteranomaly

28.2743, 23.8555, 26.4069

Tritanomaly

34.9688, 24.5367, 20.9822

Monochromacy



Original Color

36.1597, 24.4399, 27.6225

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

26.7847, 23.6177, 26.8139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1597, 24.4399, 27.6225 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(212, 97, 140)` looks like.

```
.text, #text, p{  
    color:rgb(212, 97, 140)  
}
```

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(212, 97, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 97, 140) }
```

Border

The CSS property to change the border of an element to XYZ 36.1597, 24.4399, 27.6225 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(212, 97, 140) }
```


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

```
.border{ border-color:rgb(212, 97, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 97, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 97, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 97, 140);  
box-shadow:4px 4px 4px 4px rgb(212, 97,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1597, 24.4399, 27.6225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 97, 140) }
```

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

```
.background{ background-color: rgb(212, 97,  
140) }
```

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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