

Converting Colors

XYZ(36.4114, 24.0259, 20.5057)

Have a look what the booklet for
XYZ(36.4114, 24.0259, 20.5057)
contains.

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Color

**XYZ(36.4307, 24.0704,
20.4952)**

Conversions

Conversions Part 1

Format	Color
Hex	DB5C78
RGB	219, 92, 120
RGB Percent	86%, 36%, 47%
CMY	0.1412, 0.6392, 0.5294
CMYK	0.00, 0.58, 0.45, 0.14
HSL	347°, 64%, 61%
HSV	347°, 58%, 86%
XYZ	36.4307, 24.0704, 20.4952
YIQ	133.1650, 66.7040, 35.6320

Conversions

Conversions Part 2

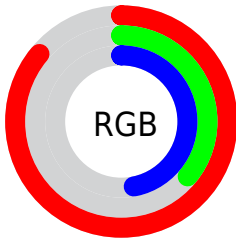
Format	Color
R_{YB}	219, 92, 120
Decimal	14376056
CIE _{Lab}	56.16, 52.17, 9.79
CIE _{LCh}	56, 53.084, 10.628
Yxy	24.0704, 0.4498, 0.2972
Android (android.graphics.Color)	4292566136 (0xFFDB5C78)
YUV	133.1650, -6.4903, 75.2773
Hunter-Lab	49.0616, 46.6874, 9.5751

Details

The XYZ color **36.4307, 24.0704, 20.4952** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **39.1505, 56.7005, 58.1749**, and the grayscale version is **22.3612, 23.5257, 25.6195**.

A 20% lighter version of the original color is **59.1201, 45.1060, 44.6201**, and **16.0688, 9.0409, 7.0290** is the 20% darker color. If you saturate the color by 10%, you get **33.8548, 20.4316, 14.9724**, and if you desaturate by 10%, it is **39.7408, 28.8820, 27.1746**.

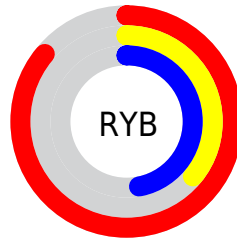
Distribution



Red (86%)

Green (36%)

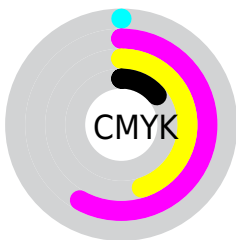
Blue (47%)



Red (86%)

Yellow (36%)

Blue (47%)

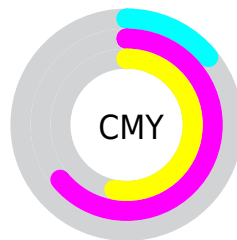


Cyan (0%)

Magenta (58%)

Yellow (45%)

Black (14%)



Cyan (14%)


Magenta (64%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.4307, 24.0704, 20.4952 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 36.4307, 24.0704, 20.4952 by changing the saturation by 10% instead.


 36.4307, 24.0704,
20.4952


 36.4307, 24.0704,
20.4952


322.2377,
273.1762, 267.2758


 24.9387, 15.3859,
12.5679


 69.0159, 50.1451,
45.1157


 16.1599, 9.0906,
7.0045


 90.8397, 68.3040,
62.6460

 9.7289, 4.8003,
3.3864


 116.8382, 90.3898,
84.2143

 5.2805, 2.1306,
1.2952

 147.3766,
116.7869, 110.2392

 2.4492, 0.6818,
0.0578

182.8205,
147.8797, 141.1393

 0.8697, 0.0000,
0.0000

223.5350,

 0.0000, 0.0000,

184.0526, 177.3331

0.0000

269.8856,
225.6899, 219.2391

■ 36.4307, 24.0704,
20.4952

■ 36.4307, 24.0704,
20.4952

■ 33.8548, 20.4316,
14.9724

■ 39.7408, 28.8820,
27.1746

■ 31.9527, 17.8605,
10.5369

■ 43.8353, 34.9521,
35.0715

■ 30.6570, 16.2395,
7.1137

■ 48.7618, 42.3626,
44.2439

■ 29.8745, 15.4010,
4.6129

■ 54.5639, 51.1876,
54.7458

■ 29.7525, 15.2757,
4.2065

■ 61.2818, 61.4956,
66.6277

■ 68.9533, 73.3506,
79.9377

■ 77.6140, 86.8130,
94.7215

■ 83.0233, 93.8000,
108.3372

Harmonies

Analogous

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



35.8040, 24.0704, 38.9857



36.4307, 24.0704, 20.4952



32.9700, 24.0704, 9.8708

Triad

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



36.4307, 24.0704, 20.4952



16.0668, 24.0704, 8.1022



19.2085, 24.0704, 72.3069

Complementary

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



36.4307, 24.0704, 20.4952



39.1505, 56.7005, 58.1749

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.



15.0896, 24.0704, 54.6851



36.4307, 24.0704, 20.4952



13.5110, 24.0704, 16.5813

Square

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



36.4307, 24.0704, 20.4952



20.7850, 24.0704, 5.1304



13.1883, 24.0704, 32.8958



25.1074, 24.0704, 74.9423

Rectangle

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



36.4307, 24.0704, 20.4952



29.1181, 24.0704, 6.4962



13.1883, 24.0704, 32.8958



17.6002, 24.0704, 67.6631

Sweetspot

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



36.4313, 24.0717, 20.4956



77.7747, 73.4036, 78.6195



37.6917, 23.6360, 69.5933



16.2651, 15.1279, 16.1446



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.



36.4313, 24.0717, 20.4956



47.0025, 27.7554, 19.3564



38.5899, 30.7219, 14.0229



13.1730, 13.0983, 14.1721



17.6756, 9.0713, 2.6720



1.1776, 0.6007, 0.3444

Inverse Universe

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



36.4313, 24.0717, 20.4956



47.0025, 27.7554, 19.3564



34.5778, 42.1446, 73.3300



13.1730, 13.0983, 14.1721



17.6756, 9.0713, 2.6720



1.1776, 0.6007, 0.3444

Previews

White Background



This preview shows how the XYZ color 36.4307, 24.0704, 20.4952 looks on a white background.

Color Contrast Check

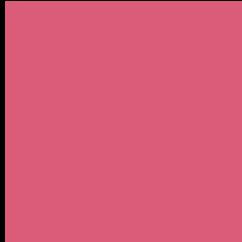
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.4307, 24.0704, 20.4952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

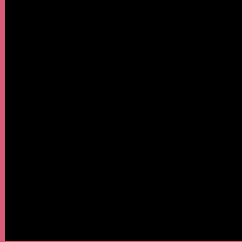
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.4307, 24.0704, 20.4952

Background



This preview shows how black text looks on a background with the XYZ color 36.4307, 24.0704, 20.4952.



This preview shows how white text looks on a background with the XYZ color 36.4307, 24.0704,

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

36.4307, 24.0704, 20.4952

Protanopia

23.4747, 24.1843, 29.4174

Deuteranopia

24.7302, 24.2481, 19.2965



Tritanopia

35.4039, 24.0492, 15.3463

Trichromacy



Original Color

36.4307, 24.0704, 20.4952

Protanomaly

26.6959, 23.0499, 25.9637

Deuteranomaly

27.9882, 23.3354, 19.5520

Tritanomaly

35.6765, 24.0150, 17.2230

Monochromacy



Original Color

36.4307, 24.0704, 20.4952

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

25.6846, 22.4079, 23.3935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4307, 24.0704, 20.4952 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(219, 92, 120)` looks like.

```
.text, #text, p{  
    color:rgb(219, 92, 120)  
}
```

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(219, 92, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 92, 120) }
```

Border

The CSS property to change the border of an element to XYZ 36.4307, 24.0704, 20.4952 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(219, 92, 120) }
```


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

```
.border{ border-color:rgb(219, 92, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 92, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 92, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 92, 120);  
box-shadow:4px 4px 4px 4px rgb(219, 92,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4307, 24.0704, 20.4952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 92, 120) }
```

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

```
.background{ background-color: rgb(219, 92,  
120) }
```

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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