

Converting Colors

XYZ(36.9360, 24.8850, 30.9167)

Have a look what the booklet for
XYZ(36.9360, 24.8850, 30.9167)
contains.

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Color

**XYZ(36.8644, 24.8705,
30.8745)**

Conversions

Conversions Part 1

Format	Color
Hex	D46294
RGB	212, 98, 148
RGB Percent	83%, 38%, 58%
CMY	0.1686, 0.6157, 0.4196
CMYK	0.00, 0.54, 0.30, 0.17
HSL	334°, 57%, 61%
HSV	334°, 54%, 83%
XYZ	36.8644, 24.8705, 30.8745
YIQ	137.7860, 51.8940, 39.7180

Conversions

Conversions Part 2

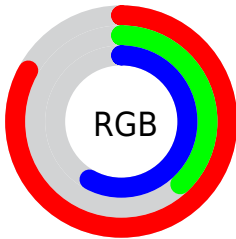
Format	Color
R_{YB}	212, 98, 148
Decimal	13918868
CIE Lab	56.95, 50.20, -5.62
CIE LCh	57, 50.514, 353.612
Yxy	24.8705, 0.3981, 0.2686
Android (android.graphics.Color)	4292108948 (0xFFD46294)
YUV	137.7860, 5.0355, 65.0857
Hunter-Lab	49.8703, 44.6750, -1.7969

Details

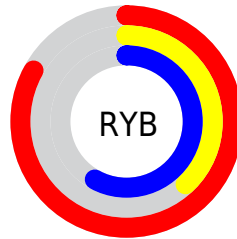
The XYZ color **36.8644, 24.8705, 30.8745** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **35.1034, 52.2931, 42.4286**, and the grayscale version is **24.0443, 25.2965, 27.5479**.

A 20% lighter version of the original color is **63.1289, 47.9807, 61.8111**, and **16.3480, 9.4608, 12.2738** is the 20% darker color. If you saturate the color by 10%, you get **34.2428, 21.0581, 25.5890**, and if you desaturate by 10%, it is **40.1096, 29.7746, 36.8463**.

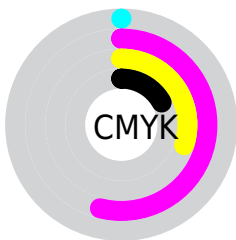
Distribution



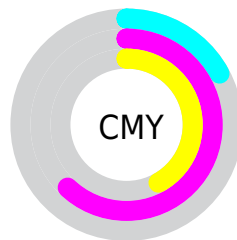
- Red (83%)
- Green (38%)
- Blue (58%)



- Red (83%)
- Yellow (38%)
- Blue (58%)



- Cyan (0%)
- Magenta (54%)
- Yellow (30%)
- Black (17%)





- Cyan (17%)
- Magenta (62%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.8644, 24.8705, 30.8745 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 36.8644, 24.8705, 30.8745 by changing the saturation by 10% instead.


 36.8644, 24.8705,
30.8745


 36.8644, 24.8705,
30.8745


324.0888,
277.1924, 320.2930

 25.2757, 15.9806,
20.2456

 69.6794, 51.4471,
62.1197


 16.4124, 9.5104,
12.3879


 91.6364, 69.9025,
83.5731

 9.9092, 5.0756,
6.8827


 117.7802, 92.3153,
109.4718

 5.4006, 2.2917,
3.3115

 148.4761,
119.0697, 140.2342

 2.5213, 0.7693,
1.2558

184.0896,
150.5503, 176.2791

 0.9060, 0.0000,
0.0252

224.9860,

 0.0000, 0.0000,

187.1413, 218.0248

0.0000

271.5306,
229.2272, 265.8899

■ 36.8644, 24.8705,
30.8745

■ 36.8644, 24.8705,
30.8745

■ 34.2428, 21.0581,
25.5890

■ 40.1096, 29.7746,
36.8463

■ 32.1972, 18.2476,
20.9590

■ 44.0168, 35.8433,
43.5303

■ 30.6762, 16.3409,
16.9524

■ 48.6237, 43.1477,
50.9525

■ 29.6173, 15.2180,
13.5325

■ 53.9645, 51.7520,
59.1370

■ 29.1263, 14.7870,
11.6697

■ 60.0711, 61.7159,
68.1067

■ 66.9734, 73.0955,
77.8834

■ 74.6997, 85.9436,
88.4879

■ 79.1223, 92.0014,
98.5556

■ 80.9615, 92.7371,
108.2407

Harmonies

Analogous

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



34.0472, 24.8705, 51.4144



36.8644, 24.8705, 30.8745



35.6895, 24.8705, 16.0005

Triad

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



36.8644, 24.8705, 30.8745



19.3627, 24.8705, 6.8359



17.5036, 24.8705, 62.7532

Complementary

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



36.8644, 24.8705, 30.8745



35.1034, 52.2931, 42.4286

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.



14.6610, 24.8705, 42.3637



36.8644, 24.8705, 30.8745



15.6023, 24.8705, 11.9690

Square

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



36.8644, 24.8705, 30.8745



24.9290, 24.8705, 5.8746



14.0281, 24.8705, 23.6094



22.3936, 24.8705, 74.1688

Rectangle

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



36.8644, 24.8705, 30.8745



32.8839, 24.8705, 10.2330



14.0281, 24.8705, 23.6094



16.3123, 24.8705, 56.3960

Sweetspot

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



36.8651, 24.8718, 30.8750



79.9160, 75.2860, 86.7333



30.8901, 21.0362, 64.7200



16.7362, 15.5184, 18.0028



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.



36.8651, 24.8718, 30.8750



51.3497, 31.0530, 37.4433



34.2772, 24.7206, 14.5217



12.6472, 12.5104, 14.0825



18.0295, 9.1481, 7.4595



1.1286, 0.5682, 0.6668

Inverse Universe

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



36.8651, 24.8718, 30.8750



51.3497, 31.0530, 37.4433



39.0652, 51.6381, 70.1959



12.6472, 12.5104, 14.0825



18.0295, 9.1481, 7.4595



1.1286, 0.5682, 0.6668

Previews

White Background



This preview shows how the XYZ color 36.8644, 24.8705, 30.8745 looks on a white background.

Color Contrast Check

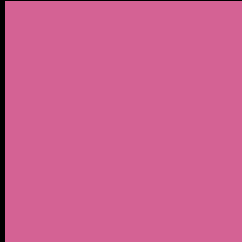
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.8644, 24.8705, 30.8745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

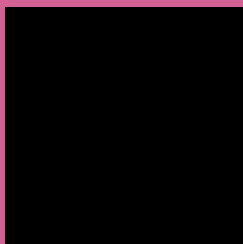
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.8644, 24.8705, 30.8745

Background



This preview shows how black text looks on a background with the XYZ color 36.8644, 24.8705, 30.8745.



This preview shows how white text looks on a background with the XYZ color 36.8644, 24.8705,

30.8745.

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

36.8644, 24.8705, 30.8745

Protanopia

25.2491, 25.2146, 43.0713

Deuteranopia

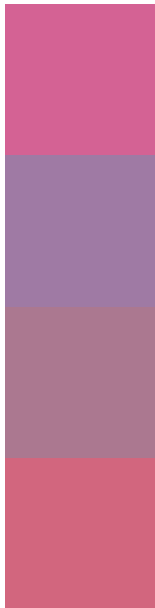
25.4828, 25.0240, 29.0782



Tritanopia

34.3267, 24.8507, 18.6102

Trichromacy



Original Color

36.8644, 24.8705, 30.8745

Protanomaly

27.9584, 23.9703, 38.2751

Deuteranomaly

28.5451, 24.1045, 29.5337

Tritanomaly

35.0956, 24.7107, 22.6586

Monochromacy



Original Color

36.8644, 24.8705, 30.8745

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

27.4825, 24.1182, 28.7980

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8644, 24.8705, 30.8745 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, 98, 148)` looks like.

```
.text, #text, p{  
  color:rgb(212, 98, 148)  
}
```

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, 98, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 98, 148) }
```

Border

The CSS property to change the border of an element to XYZ 36.8644, 24.8705, 30.8745 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, 98, 148) }
```


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

```
.border{ border-color:rgb(212, 98, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 98, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 98, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 98, 148);  
box-shadow:4px 4px 4px 4px rgb(212, 98,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8644, 24.8705, 30.8745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 98, 148) }
```

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

```
.background{ background-color: rgb(212, 98,  
148) }
```

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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