

Converting Colors

XYZ(34.6579, 24.3480, 29.0854)

Have a look what the booklet for
XYZ(34.6579, 24.3480, 29.0854)
contains.

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Color

**XYZ(34.6873, 24.3537,
29.2581)**

Conversions

Conversions Part 1

Format	Color
Hex	CC6690
RGB	204, 102, 144
RGB Percent	80%, 40%, 56%
CMY	0.2000, 0.6000, 0.4353
CMYK	0.00, 0.50, 0.29, 0.20
HSL	335°, 50%, 60%
HSV	335°, 50%, 80%
XYZ	34.6873, 24.3537, 29.2581
YIQ	137.2860, 47.3100, 34.6860

Conversions

Conversions Part 2

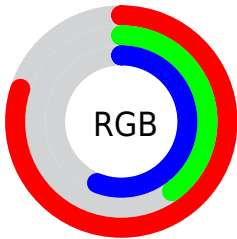
Format	Color
R _Y B	204, 102, 144
Decimal	13395600
CIE Lab	56.44, 45.07, -4.16
CIE LCh	56, 45.261, 354.722
Yxy	24.3537, 0.3928, 0.2758
Android (android.graphics.Color)	4291585680 (0xFFCC6690)
YUV	137.2860, 3.3100, 58.5082
Hunter-Lab	49.3495, 39.1045, -0.6070

Details

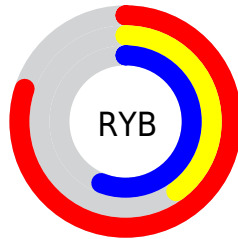
The XYZ color **34.6873, 24.3537, 29.2581** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **33.5952, 48.6199, 41.7988**, and the grayscale version is **23.8621, 25.1048, 27.3391**.

A 20% lighter version of the original color is **63.3215, 49.1142, 59.5687**, and **15.1513, 9.2078, 11.5684** is the 20% darker color. If you saturate the color by 10%, you get **32.0545, 20.4786, 24.0932**, and if you desaturate by 10%, it is **37.9123, 29.2567, 35.1020**.

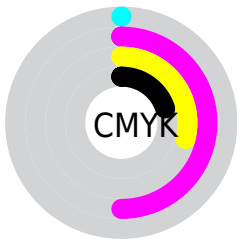
Distribution



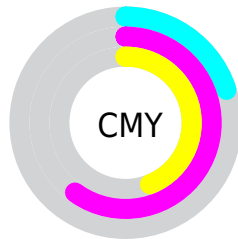
- Red (80%)
- Green (40%)
- Blue (56%)



- Red (80%)
- Yellow (40%)
- Blue (56%)



- Cyan (0%)
- Magenta (50%)
- Yellow (29%)
- Black (20%)





- Cyan (20%)
- Magenta (60%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.6873, 24.3537, 29.2581 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 34.6873, 24.3537, 29.2581 by changing the saturation by 10% instead.


 34.6873, 24.3537,
29.2581


 34.6873, 24.3537,
29.2581


314.7182,
274.6038, 312.5298

 23.5875, 15.5962,
19.0289


 66.3383, 50.6068,
59.5340


 15.1510, 9.2389,
11.5141


 87.6202, 68.8711,
80.4177

 9.0124, 4.8973,
6.2953


 113.0268, 91.0733,
105.6901

 4.8065, 2.1871,
2.9538

 142.9235,
117.5975, 135.7696

 2.1677, 0.7130,
1.0711

177.6756,
148.8283, 171.0748

 0.7257, 0.0000,
0.0000

217.6485,

 0.0000, 0.0000,

185.1500, 212.0241

0.0000

263.2076,
226.9471, 259.0363

■ 34.6873, 24.3537,
29.2581

■ 34.6873, 24.3537,
29.2581

■ 32.0545, 20.4786,
24.0932

■ 37.9123, 29.2567,
35.1020

■ 29.9718, 17.5530,
19.5775

■ 41.7633, 35.2513,
41.6497

■ 28.3949, 15.4926,
15.6809


■ 46.2742, 42.4003,
48.9265


■ 27.2706, 14.1967,
12.3689


■ 51.4754, 50.7608,
56.9557


■ 26.5022, 13.4776,
9.5917


■ 57.3957, 60.3857,
65.7595

 26.5020, 13.4775,
9.5910

 64.0621, 71.3253,
75.3593

 71.4999, 83.6266,
85.7754

 76.3909, 90.6490,
95.9130

 78.2336, 91.3861,
105.6163

Harmonies

Analogous

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



32.3759, 24.3537, 46.8944



34.6873, 24.3537, 29.2581



33.5477, 24.3537, 16.1953

Triad

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



34.6873, 24.3537, 29.2581



19.1877, 24.3537, 8.0048



17.8070, 24.3537, 57.7008

Complementary

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



34.6873, 24.3537, 29.2581



33.5952, 48.6199, 41.7988

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.



15.1551, 24.3537, 40.4934



34.6873, 24.3537, 29.2581



15.8640, 24.3537, 13.1090

Square

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



34.6873, 24.3537, 29.2581



24.0858, 24.3537, 6.9235



14.5012, 24.3537, 23.9528



22.2339, 24.3537, 66.8282

Rectangle

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



34.6873, 24.3537, 29.2581



31.0616, 24.3537, 10.9644



14.5012, 24.3537, 23.9528



16.7066, 24.3537, 52.4156

Sweetspot

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



34.6880, 24.3549, 29.2586



80.6249, 76.6115, 87.2542



30.4505, 21.4929, 59.6707



16.8701, 15.7771, 18.0755



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.



34.6880, 24.3549, 29.2586



52.7825, 33.4792, 39.2755



32.9311, 25.0580, 15.6728



11.4006, 11.2890, 12.6444



16.7244, 8.5004, 6.2675



0.9002, 0.4535, 0.5205

Inverse Universe

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



34.6880, 24.3549, 29.2586



52.7825, 33.4792, 39.2755



36.0068, 46.4398, 64.1931



11.4006, 11.2890, 12.6444



16.7244, 8.5004, 6.2675



0.9002, 0.4535, 0.5205

Previews

White Background



This preview shows how the XYZ color 34.6873, 24.3537, 29.2581 looks on a white background.

Color Contrast Check

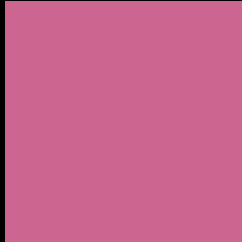
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.6873, 24.3537, 29.2581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

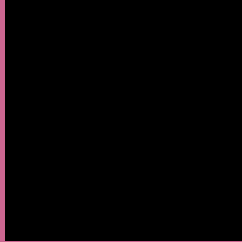
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.6873, 24.3537, 29.2581

Background



This preview shows how black text looks on a background with the XYZ color 34.6873, 24.3537, 29.2581.



This preview shows how white text looks on a background with the XYZ color 34.6873, 24.3537,

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

34.6873, 24.3537, 29.2581

Protanopia

24.5088, 24.7117, 39.0754

Deuteranopia

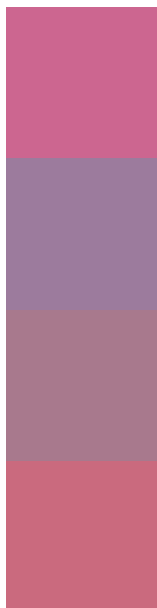
24.9441, 24.5697, 27.8538



Tritanopia

32.5445, 24.3804, 19.2103

Trichromacy



Original Color

34.6873, 24.3537, 29.2581

Protanomaly

26.8791, 23.6682, 35.0500

Deuteranomaly

27.7935, 23.9227, 28.3520

Tritanomaly

33.2771, 24.3710, 22.6888

Monochromacy



Original Color

34.6873, 24.3537, 29.2581

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

26.6392, 23.8858, 28.0173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6873, 24.3537, 29.2581 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(204, 102, 144)` looks like.

```
.text, #text, p{  
    color:rgb(204, 102, 144)  
}
```

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(204, 102, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 102, 144) }
```

Border

The CSS property to change the border of an element to XYZ 34.6873, 24.3537, 29.2581 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(204, 102, 144) }
```


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

```
.border{ border-color:rgb(204, 102, 144) }
```

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

Here you see how a box with a 4 pixel rgb(204, 102, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 102, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 102, 144);  
box-shadow:4px 4px 4px 4px rgb(204, 102,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6873, 24.3537, 29.2581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 102, 144) }
```

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

```
.background{ background-color: rgb(204,  
102, 144) }
```

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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