

Converting Colors

XYZ(33.6583, 24.7799, 29.5283)

Have a look what the booklet for
XYZ(33.6583, 24.7799, 29.5283)
contains.

XYZ(33.6853, 24.7445, 29.3863)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(33.6853, 24.7445,
29.3863)**

Conversions

Conversions Part 1

Format	Color
Hex	C66C90
RGB	198, 108, 144
RGB Percent	78%, 42%, 56%
CMY	0.2235, 0.5764, 0.4353
CMYK	0.00, 0.45, 0.27, 0.22
HSL	336°, 44%, 60%
HSV	336°, 45%, 78%
XYZ	33.6853, 24.7445, 29.3863
YIQ	139.0140, 42.0840, 30.2760

Conversions

Conversions Part 2

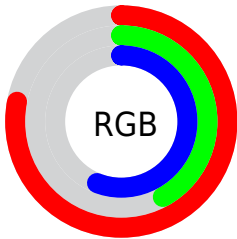
Format	Color
R _Y B	198, 108, 144
Decimal	13003920
CIE Lab	56.83, 39.93, -3.69
CIE LCh	57, 40.104, 354.725
Yxy	24.7445, 0.3836, 0.2818
Android (android.graphics.Color)	4291194000 (0xFFC66C90)
YUV	139.0140, 2.4581, 51.7307
Hunter-Lab	49.7438, 33.8241, -0.2050

Details

The XYZ color **33.6853, 24.7445, 29.3863** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **32.9012, 46.1856, 41.3654**, and the grayscale version is **24.5262, 25.8034, 28.1000**.

A 20% lighter version of the original color is **64.1779, 50.8270, 59.8541**, and **14.6388, 9.4852, 11.6489** is the 20% darker color. If you saturate the color by 10%, you get **30.9685, 20.6883, 24.2339**, and if you desaturate by 10%, it is **36.9733, 29.7897, 35.2011**.

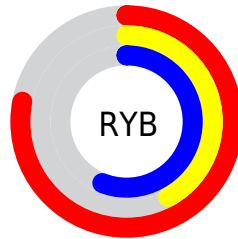
Distribution



Red (78%)

Green (42%)

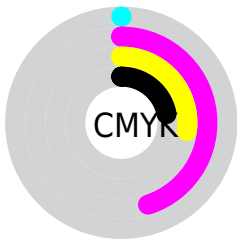
Blue (56%)



Red (78%)

Yellow (42%)

Blue (56%)

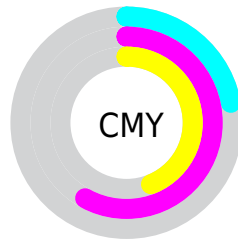


Cyan (0%)

Magenta (45%)

Yellow (27%)

Black (22%)



Cyan (22%)

Magenta (58%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.6853, 24.7445, 29.3863 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 33.6853, 24.7445, 29.3863 by changing the saturation by 10% instead.

 33.6853, 24.7445,
29.3863


 33.6853, 24.7445,
29.3863

310.3372,
276.5631, 313.1511


 22.8137, 15.8868,
19.1252


 64.7915, 51.2424,
59.7398


 14.5759, 9.4441,
11.5830


 85.7569, 69.6514,
80.6692

 8.6067, 5.0320,
6.3414


 110.8175, 92.0130,
105.9917

 4.5406, 2.2660,
2.9816

 140.3387,
118.7115, 136.1260

 2.0123, 0.7556,
1.0853

174.6860,
150.1314, 171.4906

 0.6408, 0.0000,
0.0000

214.2245,

 0.0000, 0.0000,

186.6571, 212.5039

0.0000

259.3198,
228.6728, 259.5845

■ 33.6853, 24.7445,
29.3863

■ 33.6853, 24.7445,
29.3863

■ 30.9685, 20.6883,
24.2339

■ 36.9733, 29.7897,
35.2011

■ 28.7852, 17.5511,
19.7161

■ 40.8626, 35.8803,
41.7015

■ 27.0966, 15.2599,
15.8050


■ 45.3837, 43.0728,
48.9112

■ 25.8568, 13.7284,
12.4692


■ 50.5644, 51.4184,
56.8523


■ 25.0103, 12.8508,
9.6730

■ 56.4306, 60.9652,
65.5457

 24.7071, 12.5732,
8.5589

 63.0070, 71.7586,
75.0117

 70.3170, 83.8415,
85.2694

 74.6355, 89.7605,
95.0884

 76.4497, 90.4862,
104.6420

Harmonies

Analogous

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



31.6723, 24.7445, 44.7704



33.6853, 24.7445, 29.3863



32.6937, 24.7445, 17.5229

Triad

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



33.6853, 24.7445, 29.3863



19.9464, 24.7445, 9.6383



18.6878, 24.7445, 53.9919

Complementary

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



33.6853, 24.7445, 29.3863



32.9012, 46.1856, 41.3654

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.



16.2445, 24.7445, 39.2473



33.6853, 24.7445, 29.3863



16.9006, 24.7445, 14.6146

Square

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



33.6853, 24.7445, 29.3863



24.3574, 24.7445, 8.5449



15.6363, 24.7445, 24.6382



22.6999, 24.7445, 61.6920

Rectangle

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



33.6853, 24.7445, 29.3863



30.5224, 24.7445, 12.5529



15.6363, 24.7445, 24.6382



17.6781, 24.7445, 49.4986

Sweetspot

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



33.6860, 24.7457, 29.3868



81.4407, 77.9961, 88.2875



30.4570, 22.4851, 56.1611



17.0286, 16.0487, 18.2677



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.



33.6860, 24.7457, 29.3868



54.6783, 36.3989, 42.5949



32.3577, 25.8124, 17.4657



10.8067, 10.7061, 11.9653



16.1074, 8.1925, 5.7753



0.7983, 0.4022, 0.4610

Inverse Universe

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



33.6860, 24.7457, 29.3868



54.6783, 36.3989, 42.5949



34.5758, 43.6612, 60.0314



10.8067, 10.7061, 11.9653



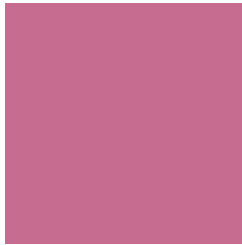
16.1074, 8.1925, 5.7753



0.7983, 0.4022, 0.4610

Previews

White Background



This preview shows how the XYZ color 33.6853, 24.7445, 29.3863 looks on a white background.

Color Contrast Check

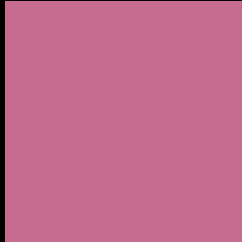
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.6853, 24.7445, 29.3863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

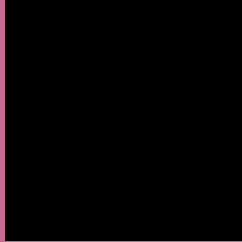
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.6853, 24.7445, 29.3863

Background



This preview shows how black text looks on a background with the XYZ color 33.6853, 24.7445, 29.3863.



This preview shows how white text looks on a background with the XYZ color 33.6853, 24.7445,

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

33.6853, 24.7445, 29.3863

Protanopia

24.7529, 25.0871, 37.2559

Deuteranopia

25.5156, 25.0581, 28.3028



Tritanopia

32.0103, 24.7046, 21.1705

Trichromacy



Original Color

33.6853, 24.7445, 29.3863

Protanomaly

27.0876, 24.3562, 34.2839

Deuteranomaly

27.9517, 24.5539, 28.4655

Tritanomaly

32.6728, 24.8242, 23.8384

Monochromacy



Original Color

33.6853, 24.7445, 29.3863

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

27.0241, 24.8350, 28.5686

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6853, 24.7445, 29.3863 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(198, 108, 144)` looks like.

```
.text, #text, p{  
    color:rgb(198, 108, 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(198, 108, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 108, 144) }
```

Border

The CSS property to change the border of an element to XYZ 33.6853, 24.7445, 29.3863 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(198, 108, 144) }
```


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

```
.border{ border-color:rgb(198, 108, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 108, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 108, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 108, 144);  
box-shadow:4px 4px 4px 4px rgb(198, 108,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6853, 24.7445, 29.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 108, 144) }
```

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

```
.background{ background-color: rgb(198,  
108, 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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