

Converting Colors

XYZ(34.3703, 24.8874, 17.3059)

Have a look what the booklet for
XYZ(34.3703, 24.8874, 17.3059)
contains.

XYZ(34.3367, 24.8875, 17.1814)	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(34.3367, 24.8875,
17.1814)**

Conversions

Conversions Part 1

Format	Color
Hex	D2696C
RGB	210, 105, 108
RGB Percent	82%, 41%, 42%
CMY	0.1765, 0.5882, 0.5765
CMYK	0.00, 0.50, 0.49, 0.18
HSL	358°, 54%, 62%
HSV	358°, 50%, 82%
XYZ	34.3367, 24.8875, 17.1814
YIQ	136.7370, 61.6170, 23.1930

Conversions

Conversions Part 2

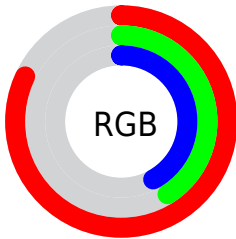
Format	Color
R _Y B	210, 105, 108
Decimal	13789548
CIE Lab	56.97, 41.60, 17.73
CIE LCh	57, 45.217, 23.082
Yxy	24.8875, 0.4494, 0.3257
Android (android.graphics.Color)	4291979628 (0xFFD2696C)
YUV	136.7370, -14.1673, 64.2517
Hunter-Lab	49.8874, 35.5559, 14.5015

Details

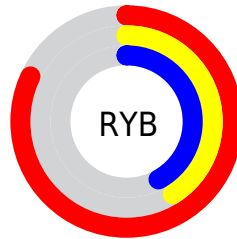
The XYZ color **34.3367, 24.8875, 17.1814** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **40.1361, 53.6020, 67.2657**, and the grayscale version is **23.7148, 24.9498, 27.1704**.

A 20% lighter version of the original color is **59.8961, 48.5595, 39.0169**, and **14.8779, 9.4624, 5.4572** is the 20% darker color. If you saturate the color by 10%, you get **31.4940, 20.7412, 11.4894**, and if you desaturate by 10%, it is **37.9628, 30.1941, 24.3882**.

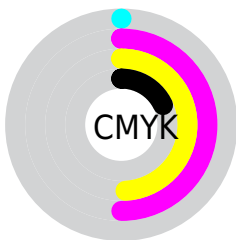
Distribution



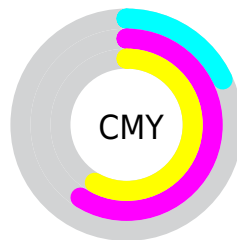
- Red (82%)
- Green (41%)
- Blue (42%)



- Red (82%)
- Yellow (41%)
- Blue (42%)



- Cyan (0%)
- Magenta (50%)
- Yellow (49%)
- Black (18%)





- Cyan (18%)
- Magenta (59%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3367, 24.8875, 17.1814 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 34.3367, 24.8875, 17.1814 by changing the saturation by 10% instead.


 34.3367, 24.8875,
17.1814

 34.3367, 24.8875,
17.1814

313.1903,
277.2772, 248.2948


 23.3165, 15.9933,
10.2006


 65.7977, 51.4747,
39.4323


 14.9494, 9.5194,
5.4248


 86.9693, 69.9364,
55.5395

 8.8699, 5.0815,
2.4355


 112.2553, 92.3560,
75.5259

 4.7129, 2.2951,
0.8057

 142.0212,
119.1180, 99.8100

 2.1128, 0.7711,
0.0000

176.6323,
150.6067, 128.8104

 0.6962, 0.0000,
0.0000

216.4540,

 0.0000, 0.0000,

187.2066, 162.9457

0.0000

261.8515,
229.3019, 202.6343

■ 34.3367, 24.8875,
17.1814

■ 34.3367, 24.8875,
17.1814

■ 31.4940, 20.7412,
11.4894

■ 37.9628, 30.1941,
24.3882

■ 29.3752, 17.6650,
7.2029

■ 42.4221, 36.7347,
33.2060

■ 27.9155, 15.5616,
4.2004


■ 47.7627, 44.5815,
43.7244


■ 27.0375, 14.3145,
2.3386


■ 54.0284, 53.8000,
56.0260


■ 26.6112, 13.7149,
1.4168

■ 61.2601, 64.4514,
70.1884

 26.6111, 13.7147,
1.4166

 69.4962, 76.5930,
86.2842

 78.7730, 90.2793,
104.3823

 80.3883, 92.4416,
108.2138

Harmonies

Analogous

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



35.2974, 24.8875, 30.7724



34.3367, 24.8875, 17.1814



30.3277, 24.8875, 9.8075

Triad

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



34.3367, 24.8875, 17.1814



16.3996, 24.8875, 13.0635



22.4470, 24.8875, 67.6854

Complementary

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



34.3367, 24.8875, 17.1814



40.1361, 53.6020, 67.2657

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.



18.0404, 24.8875, 57.8146



34.3367, 24.8875, 17.1814



14.9033, 24.8875, 23.7288

Square

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



34.3367, 24.8875, 17.1814



19.8762, 24.8875, 8.1264



15.4557, 24.8875, 40.2434



27.8843, 24.8875, 63.8460

Rectangle

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



34.3367, 24.8875, 17.1814



26.7498, 24.8875, 7.6545



15.4557, 24.8875, 40.2434



20.8083, 24.8875, 65.7675

Sweetspot

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



34.3373, 24.8888, 17.1819



78.6225, 75.8106, 76.7096



42.2777, 27.9511, 64.1394



16.3932, 15.5864, 15.5642



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.



34.3373, 24.8888, 17.1819



48.6118, 31.8109, 17.3130



40.6846, 37.8340, 18.5247



11.8222, 11.8136, 12.3396



16.2387, 8.3683, 0.8972



0.9129, 0.4699, 0.0760

Inverse Universe

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



34.3373, 24.8888, 17.1819



48.6118, 31.8109, 17.3130



30.2047, 33.1475, 65.7788



11.8222, 11.8136, 12.3396



16.2387, 8.3683, 0.8972



0.9129, 0.4699, 0.0760

Previews

White Background



This preview shows how the XYZ color 34.3367, 24.8875, 17.1814 looks on a white background.

Color Contrast Check

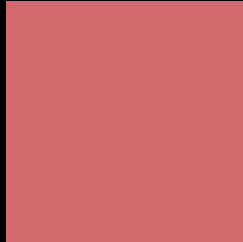
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3367, 24.8875, 17.1814 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 34.3367, 24.8875, 17.1814

Background



This preview shows how black text looks on a background with the XYZ color 34.3367, 24.8875, 17.1814.



This preview shows how white text looks on a background with the XYZ color 34.3367, 24.8875,

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

34.3367, 24.8875, 17.1814

Protanopia

23.8485, 25.1610, 22.3385

Deuteranopia

25.5997, 25.1632, 16.3397



Tritanopia

34.4533, 24.7721, 18.2948

Trichromacy



Original Color

34.3367, 24.8875, 17.1814

Protanomaly

26.5400, 24.1907, 20.4100

Deuteranomaly

28.0997, 24.5227, 16.6169

Tritanomaly

34.3979, 24.7500, 18.0032

Monochromacy



Original Color

34.3367, 24.8875, 17.1814

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

26.4094, 24.0661, 22.9920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3367, 24.8875, 17.1814 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(210, 105, 108)` looks like.

```
.text, #text, p{  
    color:rgb(210, 105, 108)  
}
```

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(210, 105, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 105, 108) }
```

Border

The CSS property to change the border of an element to XYZ 34.3367, 24.8875, 17.1814 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(210, 105, 108) }
```


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

```
.border{ border-color:rgb(210, 105, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 105, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 105, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 105, 108);  
box-shadow:4px 4px 4px 4px rgb(210, 105,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3367, 24.8875, 17.1814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 105, 108) }
```

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

```
.background{ background-color: rgb(210,  
105, 108) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor