

Converting Colors

XYZ(33.9683, 24.3260, 13.7315)

Have a look what the booklet for
XYZ(33.9683, 24.3260, 13.7315)
contains.

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Color

**XYZ(33.9683, 24.3260,
13.7315)**

Conversions

Conversions Part 1

Format	Color
Hex	D4665F
RGB	212, 102, 95
RGB Percent	83%, 40%, 37%
CMY	0.1686, 0.6000, 0.6274
CMYK	0.00, 0.52, 0.55, 0.17
HSL	4°, 58%, 60%
HSV	4°, 55%, 83%
XYZ	33.9683, 24.3260, 13.7315
YIQ	134.0920, 67.8070, 21.1430

Conversions

Conversions Part 2

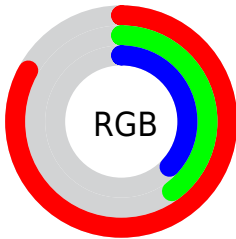
Format	Color
R _Y B	212, 102, 95
Decimal	13919839
CIE Lab	56.41, 42.70, 24.55
CIE LCh	56, 49.258, 29.899
Yxy	24.3260, 0.4716, 0.3377
Android (android.graphics.Color)	4292109919 (0xFFD4665F)
YUV	134.0920, -19.2724, 68.3253
Hunter-Lab	49.3214, 36.6229, 18.0181

Details

The XYZ color **33.9683, 24.3260, 13.7315** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **38.4328, 50.8460, 70.0757**, and the grayscale version is **22.7457, 23.9303, 26.0601**.

A 20% lighter version of the original color is **58.3168, 47.1123, 33.2141**, and **14.8318, 9.2753, 3.9143** is the 20% darker color. If you saturate the color by 10%, you get **31.4036, 20.5348, 8.7519**, and if you desaturate by 10%, it is **37.2672, 29.1663, 20.2497**.

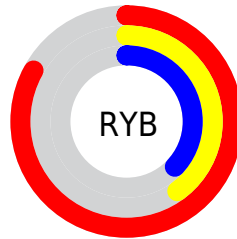
Distribution



Red (83%)

Green (40%)

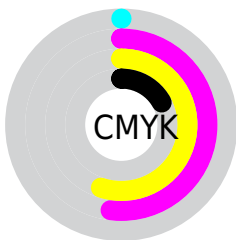
Blue (37%)



Red (83%)

Yellow (40%)

Blue (37%)

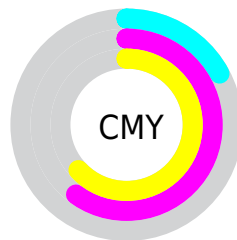


Cyan (0%)

Magenta (52%)

Yellow (55%)

Black (17%)



Cyan (17%)

Magenta (60%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.9683, 24.3260, 13.7315 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 33.9683, 24.3260, 13.7315 by changing the saturation by 10% instead.

 33.9683, 24.3260,
13.7315


 33.9683, 24.3260,
13.7315

311.5791,
274.4645, 226.9241


 23.0320, 15.5756,
7.7975


 65.2290, 50.5617,
33.3221


 14.7380, 9.2244,
3.8798


 86.2841, 68.8157,
47.8158

 8.7208, 4.8878,
1.5596


 111.4429, 91.0065,
65.9999

 4.6152, 2.1816,
0.2618

 141.0707,
117.5184, 88.2928

 2.0557, 0.7099,
0.0000

175.5328,
148.7357, 115.1131

 0.6650, 0.0000,
0.0000

215.1947,

 0.0000, 0.0000,

185.0429, 146.8794

0.0000

260.4217,
226.8244, 184.0102

■ 33.9683, 24.3260,
13.7315

■ 33.9683, 24.3260,
13.7315

■ 31.4036, 20.5348,
8.7519

■ 37.2672, 29.1663,
20.2497

■ 29.5153, 17.7115,
5.1833

■ 41.3488, 35.1213,
28.4177

■ 28.2395, 15.7693,
2.8796

■ 46.2595, 42.2560,
38.3376

■ 27.4995, 14.6041,
1.6624

■ 52.0416, 50.6290,
50.1031

■ 27.2913, 14.2771,
1.3173

■ 58.7346, 60.2954,
63.8012

■ 66.3754, 71.3065,
79.5134

■ 74.9990, 83.7113,
97.3165

■ 80.9613, 92.7370,
108.2407

Harmonies

Analogous

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



35.8861, 24.3260, 26.5422



33.9683, 24.3260, 13.7315



29.0571, 24.3260, 7.5689

Triad

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



33.9683, 24.3260, 13.7315



14.8849, 24.3260, 13.6698



23.1018, 24.3260, 71.8326

Complementary

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



33.9683, 24.3260, 13.7315



38.4328, 50.8460, 70.0757

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.



18.0542, 24.3260, 63.9204



33.9683, 24.3260, 13.7315



13.8112, 24.3260, 26.4317

Square

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



33.9683, 24.3260, 13.7315



18.0825, 24.3260, 7.5449



14.8705, 24.3260, 45.3890



29.0182, 24.3260, 64.0199

Rectangle

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



33.9683, 24.3260, 13.7315



25.0946, 24.3260, 6.0588



14.8705, 24.3260, 45.3890



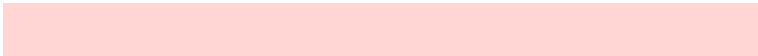
21.2539, 24.3260, 70.8918

Sweetspot

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



33.9689, 24.3273, 13.7319



77.1884, 74.2135, 72.3125



42.4023, 26.6451, 61.3961



16.1282, 15.3155, 14.6765



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.



33.9689, 24.3273, 13.7319



47.2023, 30.4516, 12.3426



41.6753, 39.7401, 16.3007



12.4824, 12.5389, 12.9231



16.8730, 8.8632, 0.8215



1.0392, 0.5775, 0.0567

Inverse Universe

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



38.4328, 50.8460, 70.0757



54.5814, 74.4895, 106.1089



27.1381, 28.2566, 66.3108



12.7255, 13.9745, 15.9642



20.0148, 28.2915, 42.8591



1.2270, 1.7459, 2.5916

Previews

White Background



This preview shows how the XYZ color 33.9683, 24.3260, 13.7315 looks on a white background.

Color Contrast Check

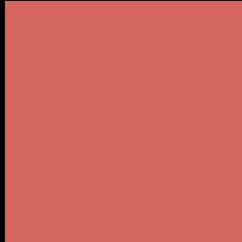
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.9683, 24.3260, 13.7315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

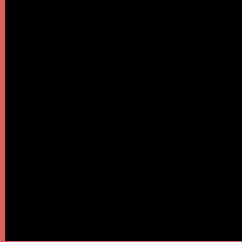
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.9683, 24.3260, 13.7315

Background



This preview shows how black text looks on a background with the XYZ color 33.9683, 24.3260, 13.7315.



This preview shows how white text looks on a background with the XYZ color 33.9683, 24.3260,

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

33.9683, 24.3260, 13.7315

Protanopia

23.1202, 24.6634, 18.2938

Deuteranopia

24.9324, 24.4900, 13.0858



Tritanopia

34.6516, 24.3220, 16.7782

Trichromacy



Original Color

33.9683, 24.3260, 13.7315

Protanomaly

26.1196, 23.8702, 16.5954

Deuteranomaly

27.7043, 24.0294, 13.3032

Tritanomaly

34.5424, 24.4328, 15.7274

Monochromacy



Original Color

33.9683, 24.3260, 13.7315

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

25.2500, 22.9565, 20.8695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.9683, 24.3260, 13.7315 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, 102, 95)` looks like.

```
.text, #text, p{  
    color:rgb(212, 102, 95)  
}
```

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, 102, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 102, 95) }
```

Border

The CSS property to change the border of an element to XYZ 33.9683, 24.3260, 13.7315 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, 102, 95) }
```


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

```
.border{ border-color:rgb(212, 102, 95) }
```

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

Here you see how a box with a 4 pixel rgb(212, 102, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 102, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 102, 95);  
box-shadow:4px 4px 4px 4px rgb(212, 102,  
95) }
```

Background

The CSS property to change the background color of an element to XYZ 33.9683, 24.3260, 13.7315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 102, 95) }
```

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

```
.background{ background-color: rgb(212,  
102, 95) }
```

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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