

Converting Colors

XYZ(34.5123, 24.9442, 4.8945)

Have a look what the booklet for
XYZ(34.5123, 24.9442, 4.8945)
contains.

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Color

**XYZ(34.4299, 24.9070,
4.9123)**

Conversions

Conversions Part 1

Format	Color
Hex	DB6727
RGB	219, 103, 39
RGB Percent	86%, 40%, 15%
CMY	0.1412, 0.5961, 0.8471
CMYK	0.00, 0.53, 0.82, 0.14
HSL	21°, 71%, 51%
HSV	21°, 82%, 86%
XYZ	34.4299, 24.9070, 4.9123
YIQ	130.3880, 89.6800, 4.6880

Conversions

Conversions Part 2

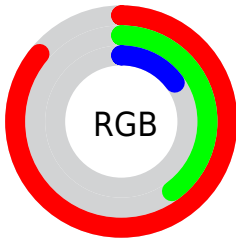
Format	Color
R_{YB}	219, 138, 39
Decimal	14378791
CIE _{Lab}	56.98, 41.84, 54.64
CIE _{LCh}	57, 68.815, 52.558
Yxy	24.9070, 0.5359, 0.3877
Android (android.graphics.Color)	4292568871 (0xFFDB6727)
YUV	130.3880, -45.0543, 77.7127
Hunter-Lab	49.9069, 35.8069, 29.0990

Details

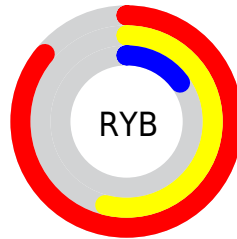
The XYZ color **34.4299, 24.9070, 4.9123** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **25.3433, 28.9866, 71.2767**, and the grayscale version is **21.4890, 22.6081, 24.6202**.

A 20% lighter version of the original color is **54.9739, 45.7751, 15.6109**, and **15.0885, 9.5358, 1.0453** is the 20% darker color. If you saturate the color by 10%, you get **32.8788, 22.2280, 3.0920**, and if you desaturate by 10%, it is **36.4282, 28.1463, 7.9138**.

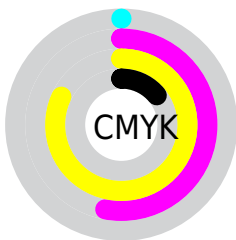
Distribution



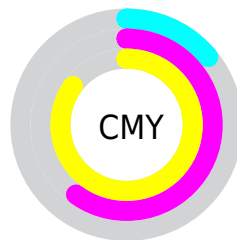
- Red (86%)
- Green (40%)
- Blue (15%)



- Red (86%)
- Yellow (54%)
- Blue (15%)



- Cyan (0%)
- Magenta (53%)
- Yellow (82%)
- Black (14%)





- Cyan (14%)
- Magenta (60%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.4299, 24.9070, 4.9123 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 34.4299, 24.9070, 4.9123 by changing the saturation by 10% instead.


 34.4299, 24.9070,
4.9123


 34.4299, 24.9070,
4.9123


313.5970,
277.3745, 157.8820


 23.3885, 16.0078,
2.1381


 65.9415, 51.5063,
16.0644


 15.0029, 9.5297,
0.6383


 87.1424, 69.9752,
25.2794


 8.9078, 5.0882,
0.0000


 112.4606, 92.4027,
37.4784

 4.7377, 2.2991,
0.0000

 142.2613,
119.1734, 53.0799

 2.1274, 0.7732,
0.0000

 176.9099,
150.6715, 72.5025

 0.7040, 0.0000,
0.0000

 216.7719,

 0.0000, 0.0000,

187.2814, 96.1646

0.0000

262.2124,
229.3876, 124.4850

■ 34.4299, 24.9070,
4.9123

■ 34.4299, 24.9070,
4.9123

■ 32.8788, 22.2280,
3.0920

■ 36.4282, 28.1463,
7.9138

■ 31.9287, 20.4909,
2.2723

■ 38.9145, 31.9765,
12.2646

■ 41.9259, 36.4301,
18.1063

■ 45.4950, 41.5358,
25.5622

■ 49.6514, 47.3202,
34.7424

■ 54.4225, 53.8084,
45.7473

■ 59.8336, 61.0240,
58.6697

■ 65.9088, 68.9897,
73.5958

■ 72.6707, 77.7268,
90.6067

Harmonies

Analogous

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



41.1134, 24.9070, 13.3817



34.4299, 24.9070, 4.9123



25.7431, 24.9070, 2.6010

Triad

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



34.4299, 24.9070, 4.9123



11.3686, 24.9070, 21.7554



30.1471, 24.9070, 92.4511

Complementary

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



34.4299, 24.9070, 4.9123



25.3433, 28.9866, 71.2767

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.



21.7177, 24.9070, 99.4838



34.4299, 24.9070, 4.9123



12.0296, 24.9070, 48.0186

Square

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



34.4299, 24.9070, 4.9123



13.3570, 24.9070, 8.0667



15.4289, 24.9070, 80.0027



38.2742, 24.9070, 64.1584

Rectangle

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



34.4299, 24.9070, 4.9123



20.4536, 24.9070, 2.7482



15.4289, 24.9070, 80.0027



27.2144, 24.9070, 97.8524

Sweetspot

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



34.4305, 24.9084, 4.9127



74.6975, 73.0847, 59.6043



35.9396, 18.9115, 33.2087



15.4762, 14.9469, 11.5757



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.



34.4305, 24.9084, 4.9127



45.1088, 28.9752, 3.2885



48.4291, 52.9057, 9.5789



13.4330, 13.8054, 13.6823



19.0263, 12.3382, 1.3787



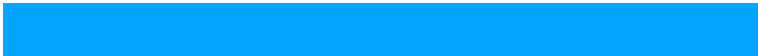
1.3123, 0.9587, 0.1159

Inverse Universe

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



25.3433, 28.9866, 71.2767



31.5789, 34.2303, 99.5505



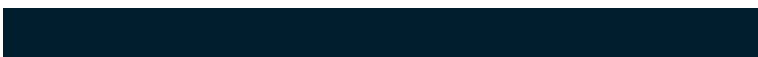
15.5712, 9.4424, 68.0194



13.0351, 14.0099, 16.6693



13.3472, 14.5639, 41.8460



0.9448, 1.1038, 2.7377

Previews

White Background



This preview shows how the XYZ color 34.4299, 24.9070, 4.9123 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 34.4299, 24.9070, 4.9123 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 34.4299, 24.9070, 4.9123

Background



This preview shows how black text looks on a background with the XYZ color 34.4299, 24.9070, 4.9123.



This preview shows how white text looks on a background with the XYZ color 34.4299, 24.9070,

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

34.4299, 24.9070, 4.9123

Protanopia

22.7588, 25.1627, 6.4537

Deuteranopia

25.4258, 24.9333, 4.5711



Tritanopia

36.8471, 25.0583, 15.7266

Trichromacy



Original Color

34.4299, 24.9070, 4.9123

Protanomaly

25.9387, 24.2038, 5.7873

Deuteranomaly

28.2124, 24.4844, 4.6055

Tritanomaly

35.7286, 24.8750, 10.5077

Monochromacy



Original Color

34.4299, 24.9070, 4.9123

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

23.7744, 21.9774, 14.2983

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.4299, 24.9070, 4.9123 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(219, 103, 39)` looks like.

```
.text, #text, p{  
    color:rgb(219, 103, 39)  
}
```

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(219, 103, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 103, 39) }
```

Border

The CSS property to change the border of an element to XYZ 34.4299, 24.9070, 4.9123 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(219, 103, 39) }
```


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

```
.border{ border-color:rgb(219, 103, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 103, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 103, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 103, 39);  
box-shadow:4px 4px 4px 4px rgb(219, 103,  
39) }
```

Background

The CSS property to change the background color of an element to XYZ 34.4299, 24.9070, 4.9123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 103, 39) }
```

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

```
.background{ background-color: rgb(219,  
103, 39) }
```

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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