

Converting Colors

XYZ(34.2089, 24.9032, 10.4105)

Have a look what the booklet for
XYZ(34.2089, 24.9032, 10.4105)
contains.

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Color

**XYZ(34.1944, 24.9638,
10.4134)**

Conversions

Conversions Part 1

Format	Color
Hex	D6694F
RGB	214, 105, 79
RGB Percent	84%, 41%, 31%
CMY	0.1608, 0.5882, 0.6902
CMYK	0.00, 0.51, 0.63, 0.16
HSL	12°, 62%, 57%
HSV	12°, 63%, 84%
XYZ	34.1944, 24.9638, 10.4134
YIQ	134.6270, 73.3100, 15.0220

Conversions

Conversions Part 2

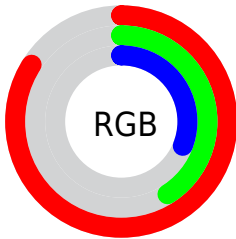
Format	Color
R_{YB}	214, 111, 79
Decimal	14051663
CIE _{Lab}	57.04, 40.78, 34.47
CIE _{LCh}	57, 53.398, 40.204
Yxy	24.9638, 0.4915, 0.3588
Android (android.graphics.Color)	4292241743 (0xFFD6694F)
YUV	134.6270, -27.4241, 69.6101
Hunter-Lab	49.9638, 34.7259, 22.6175

Details

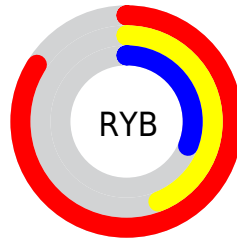
The XYZ color **34.1944, 24.9638, 10.4134** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **33.3439, 42.4811, 70.0602**, and the grayscale version is **22.9710, 24.1673, 26.3182**.

A 20% lighter version of the original color is **57.4293, 47.2987, 26.8716**, and **14.9201, 9.6182, 2.5090** is the 20% darker color. If you saturate the color by 10%, you get **31.9525, 21.5326, 6.4221**, and if you desaturate by 10%, it is **37.0456, 29.2130, 15.8448**.

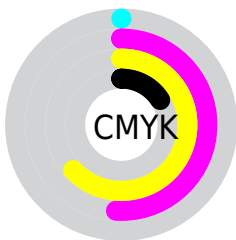
Distribution



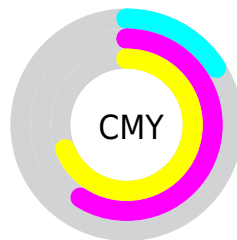
- Red (84%)
- Green (41%)
- Blue (31%)



- Red (84%)
- Yellow (44%)
- Blue (31%)



- Cyan (0%)
- Magenta (51%)
- Yellow (63%)
- Black (16%)





- Cyan (16%)
- Magenta (59%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1944, 24.9638, 10.4134 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 34.1944, 24.9638, 10.4134 by changing the saturation by 10% instead.

 34.1944, 24.9638,
10.4134


 34.1944, 24.9638,
10.4134


312.5687,
277.6576, 204.1885


 23.2066, 16.0501,
5.5647


 65.5781, 51.5985,
27.1901

 14.8677, 9.5596,
2.5178


 86.7048, 70.0883,
39.9552


 8.8123, 5.1080,
0.8496


 111.9417, 92.5388,
56.1962

 4.6751, 2.3107,
0.0000

 141.6544,
119.3346, 76.3316

 2.0907, 0.7794,
0.0000

 176.2080,
150.8600, 100.7800

 0.6841, 0.0000,
0.0000

215.9680,

 0.0000, 0.0000,

187.4993, 129.9599

0.0000

261.2998,
229.6371, 164.2899

■ 34.1944, 24.9638,
10.4134

■ 34.1944, 24.9638,
10.4134

■ 31.9525, 21.5326,
6.4221

■ 37.0456, 29.2130,
15.8448

■ 30.2714, 18.8617,
3.7304

■ 40.5461, 34.3247,
22.8361

■ 29.0973, 16.8921,
2.1715

■ 44.7344, 40.3450,
31.4961

■ 28.5321, 15.8975,
1.5647

■ 49.6453, 47.3155,
41.9234

■ 55.3113, 55.2751,
54.2088

■ 61.7630, 64.2608,
68.4370

■ 69.0290, 74.3073,
84.6875

■ 77.1368, 85.4479,
103.0351

■ 81.5414, 93.0361,
108.2678

Harmonies

Analogous

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



37.7035, 24.9638, 21.5045



34.1944, 24.9638, 10.4134



28.0556, 24.9638, 5.9015

Triad

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



34.1944, 24.9638, 10.4134



14.0840, 24.9638, 17.0722



25.9311, 24.9638, 77.3884

Complementary

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



34.1944, 24.9638, 10.4134



33.3439, 42.4811, 70.0602

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.



19.8688, 24.9638, 74.4211



34.1944, 24.9638, 10.4134



13.7182, 24.9638, 33.7784

Square

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



34.1944, 24.9638, 10.4134



16.7560, 24.9638, 8.4023



15.6493, 24.9638, 56.1678



32.4052, 24.9638, 63.0651

Rectangle

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



34.1944, 24.9638, 10.4134



23.6844, 24.9638, 5.1937



15.6493, 24.9638, 56.1678



23.7703, 24.9638, 78.4918

Sweetspot

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



34.1950, 24.9651, 10.4138



76.9735, 74.7950, 69.1234



39.7399, 23.5732, 50.7419



15.9726, 15.3009, 13.7102



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.



34.1950, 24.9651, 10.4138



46.5054, 30.4346, 7.8665



43.7529, 44.0809, 13.5998



12.6150, 12.8041, 12.9673



17.3033, 9.7239, 0.9649



1.1016, 0.7025, 0.0775

Inverse Universe

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



33.3439, 42.4811, 70.0602



44.9719, 58.1886, 103.4690



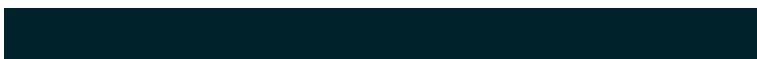
22.2910, 20.3752, 66.3759



12.5794, 13.6823, 15.9155



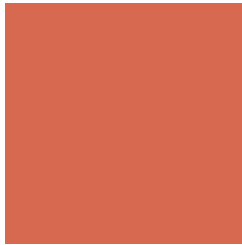
16.4160, 21.0937, 41.6594



1.0435, 1.3790, 2.5305

Previews

White Background



This preview shows how the XYZ color 34.1944, 24.9638, 10.4134 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 34.1944, 24.9638, 10.4134 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 34.1944, 24.9638, 10.4134

Background



This preview shows how black text looks on a background with the XYZ color 34.1944, 24.9638, 10.4134.



This preview shows how white text looks on a background with the XYZ color 34.1944, 24.9638,

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

34.1944, 24.9638, 10.4134

Protanopia

23.2284, 25.0362, 13.5057

Deuteranopia

25.5008, 25.0518, 9.9700



Tritanopia

35.6794, 24.9890, 17.1302

Trichromacy



Original Color

34.1944, 24.9638, 10.4134

Protanomaly

26.2875, 24.2396, 12.3100

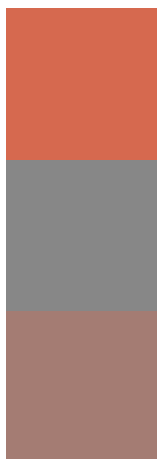
Deuteranomaly

28.2716, 24.7552, 10.1256

Tritanomaly

34.9334, 24.8129, 14.2574

Monochromacy



Original Color

34.1944, 24.9638, 10.4134

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

25.6120, 23.5456, 19.4145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1944, 24.9638, 10.4134 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(214, 105, 79)` looks like.

```
.text, #text, p{  
    color:rgb(214, 105, 79)  
}
```

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(214, 105, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 105, 79) }
```

Border

The CSS property to change the border of an element to XYZ 34.1944, 24.9638, 10.4134 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(214, 105, 79) }
```


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

```
.border{ border-color:rgb(214, 105, 79) }
```

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

Here you see how a box with a 4 pixel rgb(214, 105, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 105, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 105, 79);  
box-shadow:4px 4px 4px 4px rgb(214, 105,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1944, 24.9638, 10.4134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 105, 79) }
```

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

```
.background{ background-color: rgb(214,  
105, 79) }
```

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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