

Converting Colors

XYZ(35.1399, 24.8532, 9.6921)

Have a look what the booklet for
XYZ(35.1399, 24.8532, 9.6921)
contains.

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Color

**XYZ(35.1716, 24.8892,
9.7878)**

Conversions

Conversions Part 1

Format	Color
Hex	DB654C
RGB	219, 101, 76
RGB Percent	86%, 40%, 30%
CMY	0.1412, 0.6039, 0.7020
CMYK	0.00, 0.54, 0.65, 0.14
HSL	10°, 67%, 58%
HSV	10°, 65%, 86%
XYZ	35.1716, 24.8892, 9.7878
YIQ	133.4320, 78.3530, 17.2410

Conversions

Conversions Part 2

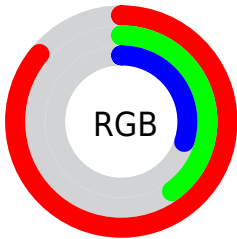
Format	Color
R _Y B	219, 106, 76
Decimal	14378316
CIE Lab	56.97, 44.45, 36.21
CIE LCh	57, 57.336, 39.168
Yxy	24.8892, 0.5035, 0.3563
Android (android.graphics.Color)	4292568396 (0xFFDB654C)
YUV	133.4320, -28.3140, 75.0431
Hunter-Lab	49.8891, 38.5359, 23.2902

Details

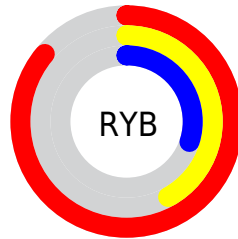
The XYZ color **35.1716, 24.8892, 9.7878** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **35.0570, 45.2316, 73.9004**, and the grayscale version is **22.5328, 23.7063, 25.8162**.

A 20% lighter version of the original color is **56.7272, 46.2090, 25.6680**, and **15.3918, 9.4767, 2.2462** is the 20% darker color. If you saturate the color by 10%, you get **32.9699, 21.5041, 5.9155**, and if you desaturate by 10%, it is **38.0192, 29.1521, 15.1538**.

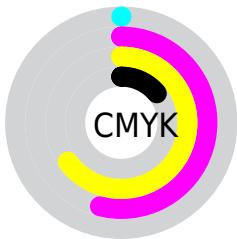
Distribution



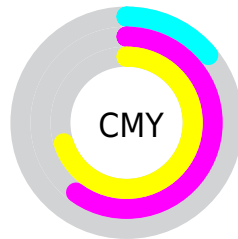
- Red (86%)
- Green (40%)
- Blue (30%)



- Red (86%)
- Yellow (42%)
- Blue (30%)



- Cyan (0%)
- Magenta (54%)
- Yellow (65%)
- Black (14%)





- Cyan (14%)
- Magenta (60%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.1716, 24.8892, 9.7878 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 35.1716, 24.8892, 9.7878 by changing the saturation by 10% instead.

 35.1716, 24.8892,
9.7878


 35.1716, 24.8892,
9.7878


316.8199,
277.2857, 199.5803


 23.9622, 15.9945,
5.1547


 67.0838, 51.4774,
25.9971


 15.4302, 9.5203,
2.2780

 88.5173, 69.9397,
38.4105


 9.2101, 5.0821,
0.7189


 114.0896, 92.3601,
54.2544

 4.9367, 2.2955,
0.0000

 144.1660,
119.1228, 73.9473

 2.2445, 0.7713,
0.0000

 179.1119,
150.6124, 97.9078

 0.7661, 0.0000,
0.0000

219.2926,

 0.0000, 0.0000,

187.2131, 126.5544

0.0000

265.0735,
229.3094, 160.3057

■ 35.1716, 24.8892,
9.7878

■ 35.1716, 24.8892,
9.7878

■ 32.9699, 21.5041,
5.9155

■ 38.0192, 29.1521,
15.1538

■ 31.3594, 18.9307,
3.3820

■ 41.5580, 34.3446,
22.1448

■ 30.2781, 17.0993,
2.0005

■ 45.8310, 40.5193,
30.8790

■ 29.9159, 16.4653,
1.6014

■ 50.8770, 47.7238,
41.4633

■ 56.7323, 56.0022,
53.9959

■ 63.4307, 65.3963,
68.5682

■ 71.0040, 75.9456,
85.2656

■ 79.4825, 87.6876,
104.1689

■ 83.0233, 93.8000,
108.3372

Harmonies

Analogous

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



38.8655, 24.8892, 21.6149



35.1716, 24.8892, 9.7878



28.5623, 24.8892, 5.1263

Triad

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



35.1716, 24.8892, 9.7878



13.5077, 24.8892, 15.9433



25.7782, 24.8892, 82.6062

Complementary

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



35.1716, 24.8892, 9.7878



35.0570, 45.2316, 73.9004

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.



19.3472, 24.8892, 78.5762



35.1716, 24.8892, 9.7878



13.0447, 24.8892, 33.4426

Square

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



35.1716, 24.8892, 9.7878



16.3898, 24.8892, 7.3281



14.9767, 24.8892, 57.8851



32.8048, 24.8892, 67.1733

Rectangle

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



35.1716, 24.8892, 9.7878



23.8449, 24.8892, 4.3699



14.9767, 24.8892, 57.8851



23.4690, 24.8892, 83.5970

Sweetspot

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



35.1722, 24.8906, 9.7882



75.9128, 73.1671, 67.2484



41.6669, 24.1767, 54.1989



15.7561, 14.9639, 13.3427



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.



35.1722, 24.8906, 9.7882



45.6872, 29.0085, 6.9454



45.1438, 44.8337, 13.1121



13.2392, 13.4178, 13.6177



17.7947, 9.8749, 0.9682



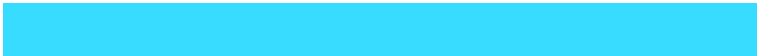
1.2093, 0.7528, 0.0816

Inverse Universe

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



35.0570, 45.2316, 73.9004



45.3370, 59.3647, 103.6768



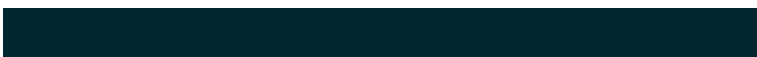
22.9327, 20.9830, 69.8589



13.2411, 14.4219, 16.7380



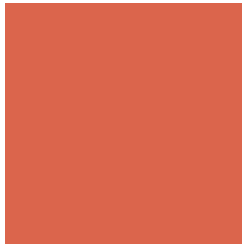
17.4157, 22.7008, 43.2022



1.1802, 1.5746, 2.8162

Previews

White Background



This preview shows how the XYZ color 35.1716, 24.8892, 9.7878 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 35.1716, 24.8892, 9.7878 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 35.1716, 24.8892, 9.7878

Background



This preview shows how black text looks on a background with the XYZ color 35.1716, 24.8892, 9.7878.



This preview shows how white text looks on a background with the XYZ color 35.1716, 24.8892,

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

35.1716, 24.8892, 9.7878

Protanopia

23.1433, 25.0022, 13.0573

Deuteranopia

25.5840, 25.1098, 9.2926



Tritanopia

36.2886, 24.7645, 15.9641

Trichromacy



Original Color

35.1716, 24.8892, 9.7878

Protanomaly

26.2634, 24.0541, 11.6462

Deuteranomaly

28.3797, 24.4656, 9.3575

Tritanomaly

35.9033, 24.7592, 13.4764

Monochromacy



Original Color

35.1716, 24.8892, 9.7878

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

25.0718, 22.7371, 18.3965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.1716, 24.8892, 9.7878 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, 101, 76)` looks like.

```
.text, #text, p{  
    color:rgb(219, 101, 76)  
}
```

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, 101, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 101, 76) }
```

Border

The CSS property to change the border of an element to XYZ 35.1716, 24.8892, 9.7878 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, 101, 76) }
```


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

```
.border{ border-color:rgb(219, 101, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 101, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 101, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 101, 76);  
box-shadow:4px 4px 4px 4px rgb(219, 101,  
76) }
```

Background

The CSS property to change the background color of an element to XYZ 35.1716, 24.8892, 9.7878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 101, 76) }
```

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

```
.background{ background-color: rgb(219,  
101, 76) }
```

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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