

Converting Colors

XYZ(32.5072, 24.3236, 6.5179)

Have a look what the booklet for
XYZ(32.5072, 24.3236, 6.5179)
contains.

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Color

**XYZ(32.3982, 24.2760,
6.4682)**

Conversions

Conversions Part 1

Format	Color
Hex	D26A36
RGB	210, 106, 54
RGB Percent	82%, 42%, 21%
CMY	0.1765, 0.5843, 0.7882
CMYK	0.00, 0.50, 0.74, 0.18
HSL	20°, 63%, 52%
HSV	20°, 74%, 82%
XYZ	32.3982, 24.2760, 6.4682
YIQ	131.1680, 78.6760, 5.8760

Conversions

Conversions Part 2

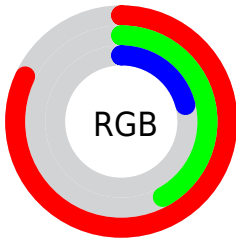
Format	Color
R _Y B	210, 132, 54
Decimal	13789750
CIE Lab	56.36, 37.36, 46.73
CIE LCh	56, 59.827, 51.354
Yxy	24.2760, 0.5131, 0.3845
Android (android.graphics.Color)	4291979830 (0xFFD26A36)
YUV	131.1680, -38.0438, 69.1357
Hunter-Lab	49.2707, 31.1499, 26.7060

Details

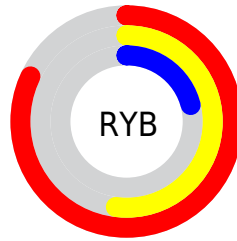
The XYZ color **32.3982, 24.2760, 6.4682** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **25.3801, 29.8892, 65.4038**, and the grayscale version is **21.7462, 22.8787, 24.9150**.

A 20% lighter version of the original color is **56.0863, 47.0355, 18.9547**, and **13.8250, 9.2245, 1.1380** is the 20% darker color. If you saturate the color by 10%, you get **30.6805, 21.4669, 3.9655**, and if you desaturate by 10%, it is **34.5654, 27.6439, 10.1709**.

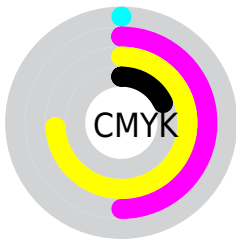
Distribution



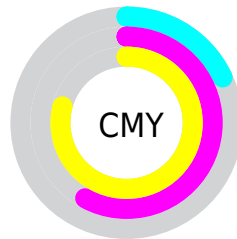
- Red (82%)
- Green (42%)
- Blue (21%)



- Red (82%)
- Yellow (52%)
- Blue (21%)



- Cyan (0%)
- Magenta (50%)
- Yellow (74%)
- Black (18%)





- Cyan (18%)
- Magenta (58%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.3982, 24.2760, 6.4682 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 32.3982, 24.2760, 6.4682 by changing the saturation by 10% instead.

 32.3982, 24.2760,
6.4682


 32.3982, 24.2760,
6.4682


304.6424,
274.2129, 172.6284

 21.8229, 15.5385,
3.0585


 62.7958, 50.4802,
19.3894

 13.8427, 9.1982,
1.1246


 83.3488, 68.7157,
29.7380


 8.0923, 4.8707,
0.0000


 107.9583, 90.8860,
43.2365

 4.2064, 2.1716,
0.0000

 136.9898,
117.3754, 60.3036

 1.8195, 0.7044,
0.0000

 170.8086,
148.5685, 81.3578

 0.5294, 0.0000,
0.0000

 209.7801,

 0.0000, 0.0000,

184.8494, 106.8177

0.0000

254.2695,
226.6028, 137.1017

■ 32.3982, 24.2760,
6.4682

■ 32.3982, 24.2760,
6.4682

■ 30.6805, 21.4669,
3.9655

■ 34.5654, 27.6439,
10.1709

■ 29.3695, 19.1780,
2.5017

■ 37.2153, 31.5977,
15.2042

■ 28.7688, 18.0828,
1.9740

■ 40.3797, 36.1670,
21.6828

■ 44.0866, 41.3784,
29.7085

■ 48.3621, 47.2564,
39.3739

■ 53.2303, 53.8245,
50.7643

■ 58.7140, 61.1048,
63.9589

■ 64.8345, 69.1184,
79.0321

■ 71.6124, 77.8855,
96.0539

Harmonies

Analogous

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



37.7799, 24.2760, 14.8634



32.3982, 24.2760, 6.4682



25.1277, 24.2760, 3.8451

Triad

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



32.3982, 24.2760, 6.4682



12.2791, 24.2760, 21.1184



28.2538, 24.2760, 80.0176

Complementary

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



32.3982, 24.2760, 6.4682



25.3801, 29.8892, 65.4038

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.



21.1347, 24.2760, 84.6633



32.3982, 24.2760, 6.4682



12.7854, 24.2760, 42.8368

Square

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



32.3982, 24.2760, 6.4682



14.1797, 24.2760, 9.0871



15.7355, 24.2760, 68.6416



35.0744, 24.2760, 58.0005

Rectangle

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



32.3982, 24.2760, 6.4682



20.5572, 24.2760, 3.9321



15.7355, 24.2760, 68.6416



25.7874, 24.2760, 83.9870

Sweetspot

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



32.3988, 24.2773, 6.4686



76.5055, 75.3155, 64.4770



34.0690, 18.8087, 34.1826



15.9557, 15.5500, 12.8327



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.



32.3988, 24.2773, 6.4686



46.3712, 31.1861, 4.6772



44.3845, 48.2488, 10.4639



12.1261, 12.4430, 12.3747



17.6317, 11.1964, 1.2318



1.0582, 0.7708, 0.0930

Inverse Universe

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



25.3801, 29.8892, 65.4038



34.7189, 39.8450, 100.4687



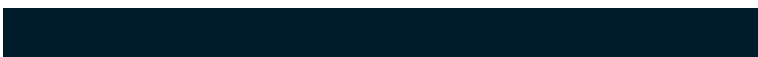
16.0229, 11.1749, 62.2848



11.8125, 12.7153, 15.0754



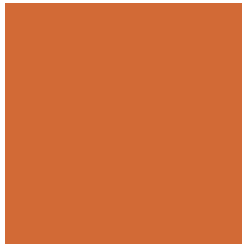
12.9115, 14.4695, 39.3049



0.7933, 0.9517, 2.2215

Previews

White Background



This preview shows how the XYZ color 32.3982, 24.2760, 6.4682 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 32.3982, 24.2760, 6.4682 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 32.3982, 24.2760, 6.4682

Background



This preview shows how black text looks on a background with the XYZ color 32.3982, 24.2760, 6.4682.



This preview shows how white text looks on a background with the XYZ color 32.3982, 24.2760,

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

32.3982, 24.2760, 6.4682

Protanopia

22.2790, 24.4512, 8.2480

Deuteranopia

24.7459, 24.3489, 6.1919



Tritanopia

34.6516, 24.3220, 16.7782

Trichromacy



Original Color

32.3982, 24.2760, 6.4682

Protanomaly

25.1625, 23.7641, 7.5357

Deuteranomaly

27.1803, 24.0954, 6.2359

Tritanomaly

33.6642, 24.2044, 12.1301

Monochromacy



Original Color

32.3982, 24.2760, 6.4682

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

23.9049, 22.3719, 15.8903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.3982, 24.2760, 6.4682 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, 106, 54)` looks like.

```
.text, #text, p{  
    color:rgb(210, 106, 54)  
}
```

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, 106, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 106, 54) }
```

Border

The CSS property to change the border of an element to XYZ 32.3982, 24.2760, 6.4682 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, 106, 54) }
```


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

```
.border{ border-color:rgb(210, 106, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 106, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 106, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 106, 54);  
box-shadow:4px 4px 4px 4px rgb(210, 106,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 32.3982, 24.2760, 6.4682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 106, 54) }
```

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

```
.background{ background-color: rgb(210,  
106, 54) }
```

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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