

Converting Colors

XYZ(35.9564, 26.4434, 12.1555)

Have a look what the booklet for
XYZ(35.9564, 26.4434, 12.1555)
contains.

XYZ(36.1024, 26.5308, 12.2350)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(36.1024, 26.5308,
12.2350)**

Conversions

Conversions Part 1

Format	Color
Hex	DA6D57
RGB	218, 109, 87
RGB Percent	85%, 43%, 34%
CMY	0.1451, 0.5725, 0.6588
CMYK	0.00, 0.50, 0.60, 0.15
HSL	10°, 64%, 60%
HSV	10°, 60%, 85%
XYZ	36.1024, 26.5308, 12.2350
YIQ	139.0830, 72.0260, 16.2660

Conversions

Conversions Part 2

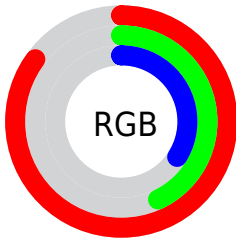
Format	Color
R_{YB}	218, 113, 87
Decimal	14314839
CIE _{Lab}	58.54, 40.82, 32.00
CIE _{LCh}	59, 51.872, 38.093
Yxy	26.5308, 0.4822, 0.3544
Android (android.graphics.Color)	4292504919 (0xFFDA6D57)
YUV	139.0830, -25.6769, 69.2102
Hunter-Lab	51.5081, 34.9729, 21.9722

Details

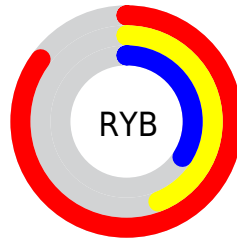
The XYZ color **36.1024, 26.5308, 12.2350** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **36.3240, 46.5654, 73.4030**, and the grayscale version is **24.6497, 25.9334, 28.2415**.

A 20% lighter version of the original color is **58.8525, 49.2605, 30.0733**, and **15.9639, 10.3555, 3.2552** is the 20% darker color. If you saturate the color by 10%, you get **33.6032, 22.7491, 7.6516**, and if you desaturate by 10%, it is **39.2710, 31.2213, 18.3685**.

Distribution



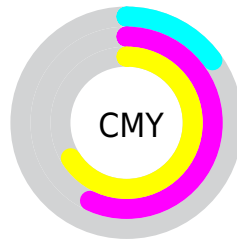
- Red (85%)
- Green (43%)
- Blue (34%)



- Red (85%)
- Yellow (44%)
- Blue (34%)



- Cyan (0%)
- Magenta (50%)
- Yellow (60%)
- Black (15%)





- Cyan (15%)
- Magenta (57%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1024, 26.5308, 12.2350 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 36.1024, 26.5308, 12.2350 by changing the saturation by 10% instead.


 36.1024, 26.5308,
12.2350

 36.1024, 26.5308,
12.2350


320.8313,
285.3781, 216.9877


 24.6838, 17.2212,
6.7795


 68.5129, 54.1300,
30.5932

 15.9691, 10.3923,
3.2482


 90.2355, 73.1884,
44.3329


 9.5930, 5.6598,
1.2227


 116.1235, 96.2651,
61.6710

 5.1901, 2.6394,
0.0000

 146.5422,
123.7446, 83.0262

 2.3951, 0.9465,
0.0000

 181.8570,
156.0113, 108.8169

 0.8427, 0.0000,
0.0000

222.4332,

 0.0000, 0.0000,

193.4495, 139.4617

0.0000

268.6362,
236.4436, 175.3791

■ 36.1024, 26.5308,
12.2350

■ 36.1024, 26.5308,
12.2350

■ 33.6032, 22.7491,
7.6516

■ 39.2710, 31.2213,
18.3685

■ 31.7217, 19.8125,
4.4766

■ 43.1517, 36.8705,
26.1736

■ 30.4013, 17.6556,
2.5446

■ 47.7857, 43.5295,
35.7617

■ 29.5631, 16.2050,
1.5697

■ 53.2106, 51.2445,
47.2339

■ 59.4613, 60.0590,
60.6837

■ 66.5706, 70.0138,
76.1986

■ 74.5697, 81.1479,
93.8605

■ 82.4401, 93.0790,
108.2287

■ 82.7233, 93.6454,
108.3231

Harmonies

Analogous

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



39.3449, 26.5308, 24.2377



36.1024, 26.5308, 12.2350



30.0538, 26.5308, 7.0701

Triad

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



36.1024, 26.5308, 12.2350



15.4975, 26.5308, 17.7032



26.9755, 26.5308, 79.2015

Complementary

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



36.1024, 26.5308, 12.2350



36.3240, 46.5654, 73.4030

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.



20.9287, 26.5308, 75.0120



36.1024, 26.5308, 12.2350



14.9543, 26.5308, 34.0970

Square

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



36.1024, 26.5308, 12.2350



18.4071, 26.5308, 9.1771



16.7739, 26.5308, 56.2877



33.5274, 26.5308, 66.0882

Rectangle

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



36.1024, 26.5308, 12.2350



25.6254, 26.5308, 6.1340



16.7739, 26.5308, 56.2877



24.8124, 26.5308, 79.8477

Sweetspot

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



36.1030, 26.5322, 12.2355



77.5250, 75.3964, 70.8535



42.3044, 25.7151, 55.0578



16.0674, 15.3933, 14.0418



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.



36.1030, 26.5322, 12.2355



47.1654, 31.2704, 9.5787



45.8342, 45.9946, 15.4792



13.2319, 13.4032, 13.6153



17.7647, 9.8149, 0.9582



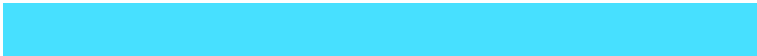
1.2059, 0.7459, 0.0804

Inverse Universe

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



36.3240, 46.5654, 73.4030



47.3762, 61.9712, 104.0724



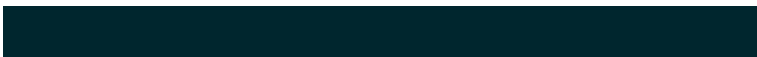
24.6571, 23.2316, 69.5140



13.2490, 14.4378, 16.7406



17.5961, 23.0616, 43.2623



1.1904, 1.5949, 2.8195

Previews

White Background



This preview shows how the XYZ color 36.1024, 26.5308, 12.2350 looks on a white background.

Color Contrast Check

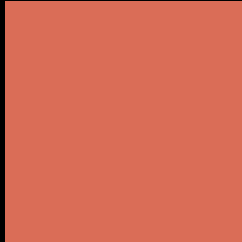
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.1024, 26.5308, 12.2350 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 36.1024, 26.5308, 12.2350

Background



This preview shows how black text looks on a background with the XYZ color 36.1024, 26.5308, 12.2350.



This preview shows how white text looks on a background with the XYZ color 36.1024, 26.5308,

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

36.1024, 26.5308, 12.2350

Protanopia

24.7740, 26.6453, 15.8939

Deuteranopia

27.2002, 26.7078, 11.7042



Tritanopia

37.5474, 26.5110, 18.7610

Trichromacy



Original Color

36.1024, 26.5308, 12.2350

Protanomaly

27.8203, 25.7568, 14.3318

Deuteranomaly

30.0474, 26.3806, 11.8958

Tritanomaly

36.8661, 26.3676, 16.2431

Monochromacy



Original Color

36.1024, 26.5308, 12.2350

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

27.2578, 25.1192, 21.1812

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1024, 26.5308, 12.2350 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(218, 109, 87)` looks like.

```
.text, #text, p{  
    color:rgb(218, 109, 87)  
}
```

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(218, 109, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 109, 87) }
```

Border

The CSS property to change the border of an element to XYZ 36.1024, 26.5308, 12.2350 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(218, 109, 87) }
```


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

```
.border{ border-color:rgb(218, 109, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 109, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 109, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 109, 87);  
box-shadow:4px 4px 4px 4px rgb(218, 109,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1024, 26.5308, 12.2350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 109, 87) }
```

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

```
.background{ background-color: rgb(218,  
109, 87) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor