

Converting Colors

XYZ(34.2720, 24.6696, 16.0656)

Have a look what the booklet for
XYZ(34.2720, 24.6696, 16.0656)
contains.

XYZ(34.3130, 24.7490, 16.0652)	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(34.3130, 24.7490,
16.0652)**

Conversions

Conversions Part 1

Format	Color
Hex	D36868
RGB	211, 104, 104
RGB Percent	83%, 41%, 41%
CMY	0.1725, 0.5921, 0.5922
CMYK	0.00, 0.51, 0.51, 0.17
HSL	0°, 55%, 62%
HSV	0°, 51%, 83%
XYZ	34.3130, 24.7490, 16.0652
YIQ	135.9930, 63.7720, 22.6840

Conversions

Conversions Part 2

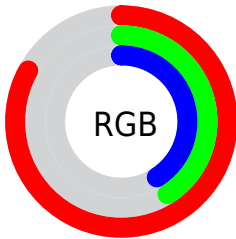
Format	Color
R _Y B	211, 104, 104
Decimal	13854824
CIE Lab	56.83, 42.10, 19.89
CIE LCh	57, 46.560, 25.284
Yxy	24.7490, 0.4567, 0.3294
Android (android.graphics.Color)	4292044904 (0xFFD36868)
YUV	135.9930, -15.7725, 65.7811
Hunter-Lab	49.7484, 36.0574, 15.6774

Details

The XYZ color **34.3130, 24.7490, 16.0652** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **40.7596, 54.2317, 69.9474**, and the grayscale version is **23.4404, 24.6611, 26.8559**.

A 20% lighter version of the original color is **59.3833, 48.0803, 37.1609**, and **14.9154, 9.4268, 4.9043** is the 20% darker color. If you saturate the color by 10%, you get **31.5076, 20.6443, 10.4876**, and if you desaturate by 10%, it is **37.9190, 30.0260, 23.2328**.

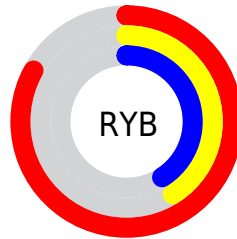
Distribution



Red (83%)

Green (41%)

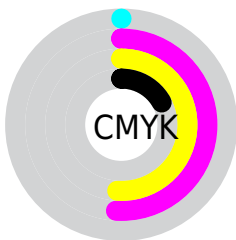
Blue (41%)



Red (83%)

Yellow (41%)

Blue (41%)

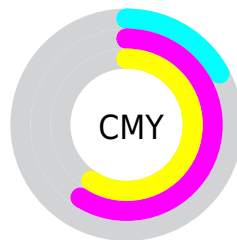


Cyan (0%)

Magenta (51%)

Yellow (51%)

Black (17%)



Cyan (17%)


Magenta (59%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.3130, 24.7490, 16.0652 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 34.3130, 24.7490, 16.0652 by changing the saturation by 10% instead.


 34.3130, 24.7490,
16.0652

 34.3130, 24.7490,
16.0652

313.0869,
276.5856, 241.5850


 23.2982, 15.8902,
9.4154


 65.7612, 51.2497,
37.4797


 14.9357, 9.4465,
4.9126


 86.9253, 69.6604,
53.0816

 8.8603, 5.0335,
2.1383


 112.2031, 92.0238,
72.5045

 4.7066, 2.2669,
0.6384

 141.9601,
118.7243, 96.1672

 2.1091, 0.7561,
0.0000

176.5617,
150.1464, 124.4880

 0.6942, 0.0000,
0.0000

216.3731,

 0.0000, 0.0000,

186.6744, 157.8855

0.0000

261.7597,
228.6926, 196.7783

■ 34.3130, 24.7490,
16.0652

■ 34.3130, 24.7490,
16.0652

■ 31.5076, 20.6443,
10.4876

■ 37.9190, 30.0260,
23.2328

■ 29.4402, 17.6190,
6.3779

■ 42.3782, 36.5512,
32.0975

■ 28.0419, 15.5728,
3.5984

■ 47.7411, 44.3986,
42.7587

■ 27.2300, 14.3847,
1.9847

■ 54.0535, 53.6354,
55.3074

■ 26.8640, 13.8491,
1.2573

■ 61.3581, 64.3241,
69.8289

■ 69.6953, 76.5237,
86.4031

■ 79.1029, 90.2896,
105.1053

■ 80.6739, 92.5889,
108.2272

Harmonies

Analogous

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



35.5722, 24.7490, 29.4878



34.3130, 24.7490, 16.0652



30.0017, 24.7490, 9.0548

Triad

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



34.3130, 24.7490, 16.0652



15.9260, 24.7490, 13.2273



22.6731, 24.7490, 69.2208

Complementary

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



34.3130, 24.7490, 16.0652



40.7596, 54.2317, 69.9474

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.



18.0517, 24.7490, 59.8596



34.3130, 24.7490, 16.0652



14.5579, 24.7490, 24.5574

Square

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



34.3130, 24.7490, 16.0652



19.3300, 24.7490, 7.9151



15.2717, 24.7490, 41.8848



28.2827, 24.7490, 64.1540

Rectangle

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



34.3130, 24.7490, 16.0652



26.2834, 24.7490, 7.1097



15.2717, 24.7490, 41.8848



20.9633, 24.7490, 67.5800

Sweetspot

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



34.3136, 24.7503, 16.0656



78.4809, 75.7548, 75.9610



43.5721, 28.4528, 64.8233



16.3598, 15.5732, 15.3873



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.



34.3136, 24.7503, 16.0656



48.0191, 31.1803, 15.4050



41.5044, 39.1319, 18.4626



11.8088, 11.8084, 12.2689



16.2125, 8.3580, 0.7588



0.9065, 0.4674, 0.0424

Inverse Universe

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



40.7596, 54.2317, 69.9474



59.0022, 81.4126, 107.2122



29.6086, 31.9298, 66.2304



12.1584, 13.4070, 15.1907



21.1522, 30.9511, 42.0518



1.1827, 1.7306, 2.3513

Previews

White Background



This preview shows how the XYZ color 34.3130, 24.7490, 16.0652 looks on a white background.

Color Contrast Check

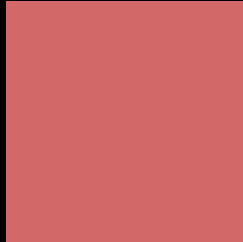
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.3130, 24.7490, 16.0652 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 34.3130, 24.7490, 16.0652

Background



This preview shows how black text looks on a background with the XYZ color 34.3130, 24.7490, 16.0652.



This preview shows how white text looks on a background with the XYZ color 34.3130, 24.7490,

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

34.3130, 24.7490, 16.0652

Protanopia

23.4616, 24.7799, 20.9992

Deuteranopia

25.2687, 24.8148, 15.2623



Tritanopia

34.5287, 24.6752, 17.6948

Trichromacy



Original Color

34.3130, 24.7490, 16.0652

Protanomaly

26.3934, 23.9550, 19.1523

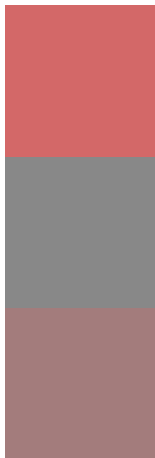
Deuteranomaly

28.0087, 24.3176, 15.5295

Tritanomaly

34.4210, 24.6321, 17.1276

Monochromacy



Original Color

34.3130, 24.7490, 16.0652

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

25.9500, 23.6571, 22.2673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.3130, 24.7490, 16.0652 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(211, 104, 104)` looks like.

```
.text, #text, p{  
    color:rgb(211, 104, 104)  
}
```

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(211, 104, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 104, 104) }
```

Border

The CSS property to change the border of an element to XYZ 34.3130, 24.7490, 16.0652 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(211, 104, 104) }
```


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

```
.border{ border-color:rgb(211, 104, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 104, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 104, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 104, 104);  
box-shadow:4px 4px 4px 4px rgb(211, 104,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 34.3130, 24.7490, 16.0652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 104, 104) }
```

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

```
.background{ background-color: rgb(211,  
104, 104) }
```

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