

Converting Colors

XYZ(32.9113, 26.3101, 15.6571)

Have a look what the booklet for
XYZ(32.9113, 26.3101, 15.6571)
contains.

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Color

**XYZ(32.9148, 26.3140,
15.6562)**

Conversions

Conversions Part 1

Format	Color
Hex	C97665
RGB	201, 118, 101
RGB Percent	79%, 46%, 40%
CMY	0.2118, 0.5372, 0.6039
CMYK	0.00, 0.41, 0.50, 0.21
HSL	10°, 48%, 59%
HSV	10°, 50%, 79%
XYZ	32.9148, 26.3140, 15.6562
YIQ	140.8790, 54.9250, 12.3090

Conversions

Conversions Part 2

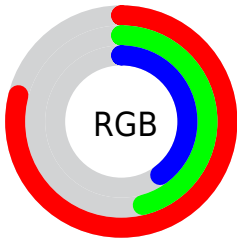
Format	Color
R_{YB}	201, 121, 101
Decimal	13203045
CIE Lab	58.33, 30.71, 23.38
CIE LCh	58, 38.602, 37.283
Yxy	26.3140, 0.4395, 0.3514
Android (android.graphics.Color)	4291393125 (0xFFC97665)
YUV	140.8790, -19.6603, 52.7261
Hunter-Lab	51.2972, 24.7644, 17.8124

Details

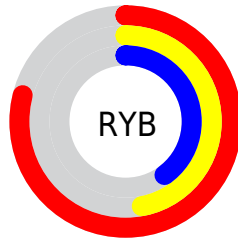
The XYZ color **32.9148, 26.3140, 15.6562** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **33.0489, 41.2626, 61.4808**, and the grayscale version is **25.3302, 26.6494, 29.0212**.

A 20% lighter version of the original color is **61.4704, 52.6528, 36.6289**, and **14.0607, 10.2402, 4.7255** is the 20% darker color. If you saturate the color by 10%, you get **30.2540, 22.3805, 10.4904**, and if you desaturate by 10%, it is **36.1652, 31.0414, 22.2071**.

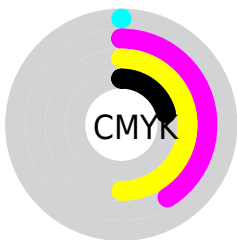
Distribution



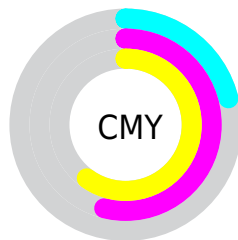
- Red (79%)
- Green (46%)
- Blue (40%)



- Red (79%)
- Yellow (47%)
- Blue (40%)



- Cyan (0%)
- Magenta (41%)
- Yellow (50%)
- Black (21%)





- Cyan (21%)
- Magenta (54%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9148, 26.3140, 15.6562 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 32.9148, 26.3140, 15.6562 by changing the saturation by 10% instead.


 32.9148, 26.3140,
15.6562


 32.9148, 26.3140,
15.6562


306.9374,
284.3201, 239.0804


 22.2201, 17.0587,
9.1295


 63.5981, 53.7811,
36.7588

 14.1362, 10.2763,
4.7278


 84.3173, 72.7616,
52.1717

 8.2978, 5.5826,
2.0325

 109.1088, 95.7527,
71.3838

 4.3395, 2.5930,
0.5752

 138.3380,
123.1388, 94.8136

 1.8959, 0.9231,
0.0000

172.3700,
155.3041, 122.8796

 0.5745, 0.0000,
0.0000

211.5704,

 0.0000, 0.0000,

192.6332, 156.0004

0.0000

256.3044,
235.5104, 194.5945

■ 32.9148, 26.3140,
15.6562

■ 32.9148, 26.3140,
15.6562

■ 30.2540, 22.3805,
10.4904

■ 36.1652, 31.0414,
22.2071

■ 28.1447, 19.1930,
6.6081

■ 40.0362, 36.5990,
30.2319

■ 26.5471, 16.7049,
3.8958


■ 44.5591, 43.0257,
39.8137


■ 25.4150, 14.8622,
2.2194

■ 49.7623, 50.3567,
51.0291


■ 24.6793, 13.5970,
1.3381


■ 55.6726, 58.6254,
63.9493

 24.6645, 13.5719,
1.3197

 62.3154, 67.8634,
78.6416

 69.7146, 78.1007,
95.1695

 76.7788, 88.9204,
107.7244

 77.8973, 91.1575,
108.0973

Harmonies

Analogous

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



35.0919, 26.3140, 25.4932



32.9148, 26.3140, 15.6562



28.6666, 26.3140, 10.7909

Triad

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



32.9148, 26.3140, 15.6562



17.5645, 26.3140, 19.7713



26.1742, 26.3140, 62.7688

Complementary

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



32.9148, 26.3140, 15.6562



33.0489, 41.2626, 61.4808

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.



21.6795, 26.3140, 59.7820



32.9148, 26.3140, 15.6562



17.0727, 26.3140, 32.0603

Square

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



32.9148, 26.3140, 15.6562



19.9247, 26.3140, 12.5946



18.4855, 26.3140, 47.3694



30.8959, 26.3140, 54.5815

Rectangle

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



32.9148, 26.3140, 15.6562



25.4417, 26.3140, 9.7912



18.4855, 26.3140, 47.3694



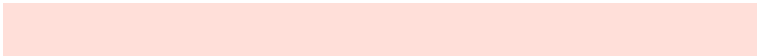
24.5846, 26.3140, 63.0725

Sweetspot

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



32.9155, 26.3153, 15.6567



80.1876, 79.1682, 76.5299



37.4278, 25.1997, 48.4221



16.7642, 16.3821, 15.5221



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.



32.9155, 26.3153, 15.6567



51.3598, 37.6623, 17.1330



40.3775, 41.2394, 18.1440



10.7772, 10.9236, 11.1032



15.5547, 8.6265, 0.8453



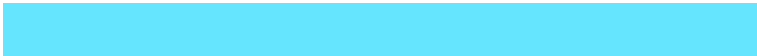
0.7830, 0.5015, 0.0555

Inverse Universe

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



33.0489, 41.2626, 61.4808



51.5438, 66.0734, 104.6445



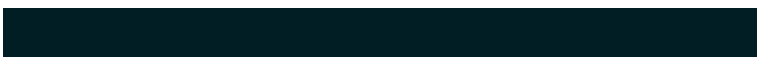
24.4808, 24.1264, 58.6247



10.7873, 11.7487, 13.6167



15.3553, 20.1046, 37.8156



0.7688, 1.0354, 1.8045

Previews

White Background



This preview shows how the XYZ color 32.9148, 26.3140, 15.6562 looks on a white background.

Color Contrast Check

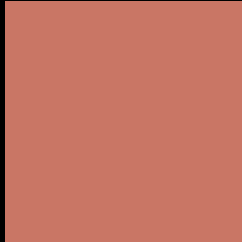
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.9148, 26.3140, 15.6562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

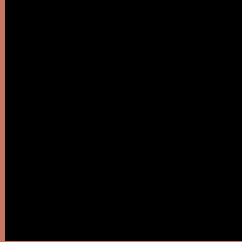
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.9148, 26.3140, 15.6562

Background



This preview shows how black text looks on a background with the XYZ color 32.9148, 26.3140, 15.6562.



This preview shows how white text looks on a background with the XYZ color 32.9148, 26.3140,

15.6562.

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

32.9148, 26.3140, 15.6562

Protanopia

24.8250, 26.3879, 18.8239

Deuteranopia

27.0170, 26.5346, 15.2530



Tritanopia

34.3345, 26.3880, 22.0227

Trichromacy



Original Color

32.9148, 26.3140, 15.6562

Protanomaly

27.2673, 25.9991, 17.4911

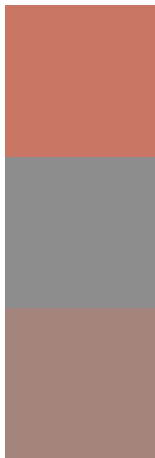
Deuteranomaly

28.9248, 26.3047, 15.3572

Tritanomaly

33.6970, 26.2851, 19.5172

Monochromacy



Original Color

32.9148, 26.3140, 15.6562

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.2577, 26.0679, 23.3336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9148, 26.3140, 15.6562 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(201, 118, 101)` looks like.

```
.text, #text, p{  
    color:rgb(201, 118, 101)  
}
```

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(201, 118, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 118, 101) }
```

Border

The CSS property to change the border of an element to XYZ 32.9148, 26.3140, 15.6562 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(201, 118, 101) }
```


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

```
.border{ border-color:rgb(201, 118, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 118, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 118, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 118, 101);  
box-shadow:4px 4px 4px 4px rgb(201, 118,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9148, 26.3140, 15.6562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 118, 101) }
```

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

```
.background{ background-color: rgb(201,  
118, 101) }
```

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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