

Converting Colors

XYZ(32.9901, 28.6912, 15.1474)

Have a look what the booklet for
XYZ(32.9901, 28.6912, 15.1474)
contains.

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Color

**XYZ(32.9053, 28.5641,
15.0884)**

Conversions

Conversions Part 1

Format	Color
Hex	C48261
RGB	196, 130, 97
RGB Percent	77%, 51%, 38%
CMY	0.2314, 0.4902, 0.6196
CMYK	0.00, 0.34, 0.51, 0.23
HSL	20°, 46%, 57%
HSV	20°, 51%, 77%
XYZ	32.9053, 28.5641, 15.0884
YIQ	145.9720, 49.9290, 3.7290

Conversions

Conversions Part 2

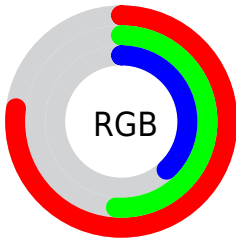
Format	Color
R_{YB}	196, 147, 97
Decimal	12878433
CIE Lab	60.39, 21.80, 28.22
CIE LCh	60, 35.657, 52.318
Yxy	28.5641, 0.4298, 0.3731
Android (android.graphics.Color)	4291068513 (0xFFC48261)
YUV	145.9720, -24.1432, 43.8746
Hunter-Lab	53.4454, 16.3696, 20.6734

Details

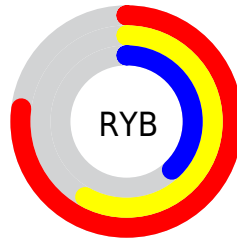
The XYZ color **32.9053, 28.5641, 15.0884** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **27.9902, 32.7199, 57.0649**, and the grayscale version is **27.3923, 28.8188, 31.3837**.

A 20% lighter version of the original color is **63.5188, 57.2651, 35.7224**, and **14.0918, 11.4566, 4.4862** is the 20% darker color. If you saturate the color by 10%, you get **30.4730, 24.9857, 10.3123**, and if you desaturate by 10%, it is **35.7856, 32.6770, 21.1282**.

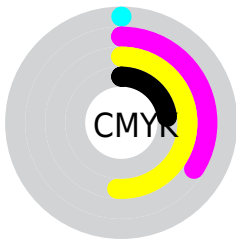
Distribution



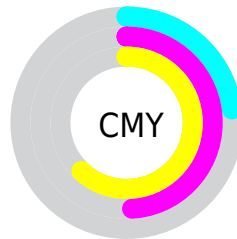
- Red (77%)
- Green (51%)
- Blue (38%)



- Red (77%)
- Yellow (58%)
- Blue (38%)



- Cyan (0%)
- Magenta (34%)
- Yellow (51%)
- Black (23%)




- Cyan (23%)
- Magenta (49%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.9053, 28.5641, 15.0884 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 32.9053, 28.5641, 15.0884 by changing the saturation by 10% instead.


 32.9053, 28.5641,
15.0884


 32.9053, 28.5641,
15.0884


306.8953,
295.1527, 235.5598

 22.2128, 18.7513,
8.7341


 63.5833, 57.3838,
35.7527


 14.1308, 11.4907,
4.4737


 84.2995, 77.1595,
50.8998

 8.2940, 6.3979,
1.8887


 109.0877,
101.0250, 69.8149

 4.3370, 3.0885,
0.4855

 138.3132,
129.3646, 92.9166

 1.8945, 1.1781,
0.0000

172.3414,
162.5628, 120.6234

 0.5736, 0.0437,
0.0000

211.5375,

 0.0000, 0.0000,

201.0040, 153.3538

0.0000

256.2671,
245.0724, 191.5265

■ 32.9053, 28.5641,
15.0884

■ 32.9053, 28.5641,
15.0884

■ 30.4730, 24.9857,
10.3123

■ 35.7856, 32.6770,
21.1282

■ 28.4612, 21.9144,
6.7064

■ 39.1346, 37.3420,
28.5127

■ 26.8427, 19.3264,
4.1664

■ 42.9746, 42.5807,
37.3183

■ 25.5852, 17.1936,
2.5686

■ 47.3253, 48.4127,
47.6147

■ 24.6749, 15.5557,
1.7020

■ 52.2055, 54.8561,
59.4673

■ 57.6330, 61.9286,
72.9375

■ 63.6248, 69.6471,
88.0835

■ 70.1969, 78.0276,
104.9602

■ 74.2587, 85.8432,
107.2633

Harmonies

Analogous

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



36.1528, 28.5641, 22.4620



32.9053, 28.5641, 15.0884



28.3455, 28.5641, 12.1846

Triad

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



32.9053, 28.5641, 15.0884



19.3133, 28.5641, 27.8456



30.6381, 28.5641, 60.8082

Complementary

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



32.9053, 28.5641, 15.0884



27.9902, 32.7199, 57.0649

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.



25.9873, 28.5641, 63.4494



32.9053, 28.5641, 15.0884



19.7804, 28.5641, 41.7130

Square

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



32.9053, 28.5641, 15.0884



20.7505, 28.5641, 18.0754



22.1071, 28.5641, 55.6800



34.7445, 28.5641, 49.2376

Rectangle

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



32.9053, 28.5641, 15.0884



25.3110, 28.5641, 12.3756



22.1071, 28.5641, 55.6800



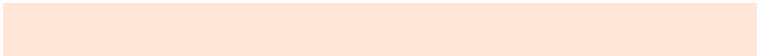
29.0746, 28.5641, 62.8805

Sweetspot

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



32.9060, 28.5655, 15.0889



81.8902, 82.5734, 77.0975



33.6506, 22.9297, 37.3028



17.1702, 17.1940, 15.6575



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.



32.9060, 28.5655, 15.0889



54.6298, 44.4016, 17.6086



41.1432, 45.0399, 17.8347



10.3414, 10.6143, 10.5656



15.9262, 10.1381, 1.1174



0.7523, 0.5663, 0.0697

Inverse Universe

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



27.9902, 32.7199, 57.0649



44.6346, 52.6775, 102.4230



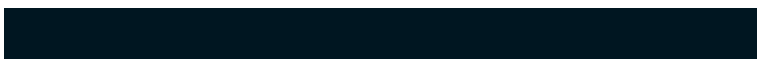
20.8549, 18.4494, 54.6864



10.0765, 10.8443, 12.8469



11.6696, 13.0956, 35.4693



0.5654, 0.6882, 1.5529

Previews

White Background



This preview shows how the XYZ color 32.9053, 28.5641, 15.0884 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 32.9053, 28.5641, 15.0884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

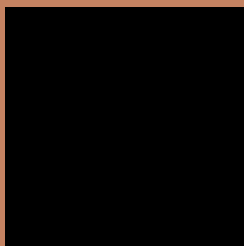
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.9053, 28.5641, 15.0884

Background



This preview shows how black text looks on a background with the XYZ color 32.9053, 28.5641, 15.0884.



This preview shows how white text looks on a background with the XYZ color 32.9053, 28.5641,

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

32.9053, 28.5641, 15.0884

Protanopia

26.6822, 28.7253, 17.2349

Deuteranopia

29.3481, 28.8125, 14.8410



Tritanopia

35.1899, 28.5306, 26.2065

Trichromacy



Original Color

32.9053, 28.5641, 15.0884

Protanomaly

28.5216, 28.3537, 16.2815

Deuteranomaly

30.4439, 28.5201, 14.9667

Tritanomaly

34.3293, 28.5650, 21.7934

Monochromacy



Original Color

32.9053, 28.5641, 15.0884

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.5842, 28.2072, 24.3601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.9053, 28.5641, 15.0884 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(196, 130, 97)` looks like.

```
.text, #text, p{  
    color:rgb(196, 130, 97)  
}
```

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(196, 130, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 130, 97) }
```

Border

The CSS property to change the border of an element to XYZ 32.9053, 28.5641, 15.0884 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(196, 130, 97) }
```


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

```
.border{ border-color:rgb(196, 130, 97) }
```

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

Here you see how a box with a 4 pixel rgb(196, 130, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 130, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 130, 97);  
box-shadow:4px 4px 4px 4px rgb(196, 130,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 32.9053, 28.5641, 15.0884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 130, 97) }
```

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

```
.background{ background-color: rgb(196,  
130, 97) }
```

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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