

Converting Colors

XYZ(32.7134, 34.3835, 4.9125)

Have a look what the booklet for
XYZ(32.7134, 34.3835, 4.9125)
contains.

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Color

**XYZ(32.7076, 34.2615,
4.8893)**

Conversions

Conversions Part 1

Format	Color
Hex	BD9B00
RGB	189, 155, 0
RGB Percent	74%, 61%, 0%
CMY	0.2588, 0.3921, 0.9999
CMYK	0.00, 0.18, 1.00, 0.26
HSL	49°, 100%, 37%
HSV	49°, 100%, 74%
XYZ	32.7076, 34.2615, 4.8893
YIQ	147.4960, 70.0190, -40.9970

Conversions

Conversions Part 2

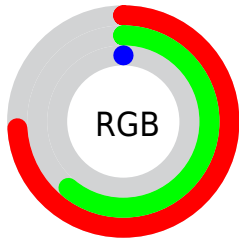
Format	Color
R _Y B	41, 189, 0
Decimal	12425984
CIE Lab	65.17, 0.51, 68.86
CIE LCh	65, 68.862, 89.574
Yxy	34.2615, 0.4552, 0.4768
Android (android.graphics.Color)	4290616064 (0xFFBD9B00)
YUV	147.4960, -72.7155, 36.3990
Hunter-Lab	58.5333, -2.6900, 36.0208

Details

The XYZ color **32.7076, 34.2615, 4.8893** is a dark color, and the websafe version is hex **CC9900**. A complement of this color would be **9.7577, 4.8188, 48.5595**, and the grayscale version is **28.2124, 29.6816, 32.3233**.

A 20% lighter version of the original color is **63.1034, 66.2351, 15.9373**, and **14.3104, 14.7259, 2.0881** is the 20% darker color. If you saturate the color by 10%, you get **32.7078, 34.2622, 4.8894**, and if you desaturate by 10%, it is **33.3989, 35.4575, 5.6960**.

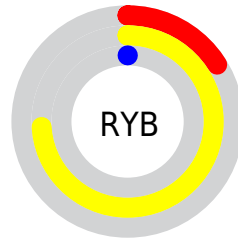
Distribution



Red (74%)

Green (61%)

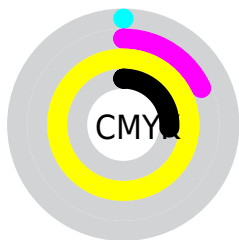
Blue (0%)



Red (16%)

Yellow (74%)

Blue (0%)

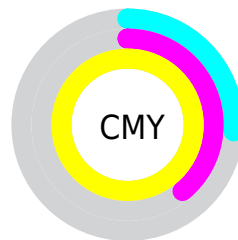


Cyan (0%)

Magenta (18%)

Yellow (100%)

Black (26%)



Cyan (26%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7076, 34.2615, 4.8893 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 32.7076, 34.2615, 4.8893 by changing the saturation by 10% instead.

■ 32.7076, 34.2615,
4.8893

■ 32.7076, 34.2615,
4.8893

306.0184,
321.2965, 157.6493

■ 22.0607, 23.0946,
2.1249

■ 63.2765, 66.3401,
16.0137

■ 14.0184, 14.6633,
0.6305

■ 83.9292, 88.0206,
25.2108

■ 8.2152, 8.5835,
0.0000

■ 108.6479,
113.9744, 37.3892

■ 4.2859, 4.4705,
0.0000

■ 137.7979,
144.5858, 52.9674

■ 1.8651, 1.9401,
0.0000

■ 171.7446,
180.2394, 72.3639

■ 0.5565, 0.5723,
0.0000

■ 210.8534,

■ 0.0000, 0.0000,

221.3194, 95.9974

0.0000

255.4895,
268.2103, 124.2863

32.7076, 34.2615,
4.8893

32.7076, 34.2615,
4.8893

32.7078, 34.2622,
4.8894

33.3989, 35.4575,
5.6960

34.2189, 36.7293,
7.1040

35.2095, 38.0953,
9.3311

36.3916, 39.5639,
12.4860

37.7828, 41.1425,
16.6611

■ 39.3987, 42.8375,
21.9374

■ 41.2531, 44.6545,
28.3877

■ 43.3589, 46.5990,
36.0788

■ 45.7278, 48.6758,
45.0722

Harmonies

Analogous

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



43.3050, 34.2615, 7.1182



32.7076, 34.2615, 4.8893



23.9664, 34.2615, 6.9834

Triad

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



32.7076, 34.2615, 4.8893



18.5407, 34.2615, 71.6190



52.1180, 34.2615, 72.7193

Complementary

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



32.7076, 34.2615, 4.8893



9.7577, 4.8188, 48.5595

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.



43.0064, 34.2615, 108.6189



32.7076, 34.2615, 4.8893



23.7653, 34.2615, 107.7868

Square

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



32.7076, 34.2615, 4.8893



16.8728, 34.2615, 36.8973



32.4219, 34.2615, 123.9112



55.8250, 34.2615, 37.7156

Rectangle

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



32.7076, 34.2615, 4.8893



20.0106, 34.2615, 11.7776



32.4219, 34.2615, 123.9112



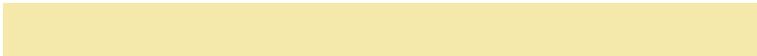
49.5047, 34.2615, 85.6209

Sweetspot

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



32.7084, 34.2632, 4.8900



73.7128, 79.8131, 50.2286



21.2846, 10.9384, 2.5534



15.5409, 16.8635, 9.7069



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.7084, 34.2632, 4.8900



58.4186, 61.0408, 8.7031



27.2742, 41.0741, 6.4910



10.1723, 10.8207, 10.1291



22.0579, 23.1546, 3.3067



0.9028, 0.9845, 0.1424

Inverse Universe

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



9.7577, 4.8188, 48.5595



17.3529, 8.3843, 86.9299



11.0404, 4.6307, 48.4556



9.1516, 9.4955, 12.0227



6.6059, 3.3235, 32.6862



0.3018, 0.2163, 1.2947

Previews

White Background



This preview shows how the XYZ color 32.7076, 34.2615, 4.8893 looks on a white background.

Color Contrast Check

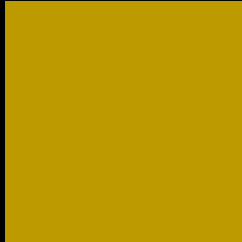
Large Text (above 18pt) WCAG AA × Fail

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 32.7076, 34.2615, 4.8893 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 ✓ Pass

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

XYZ 32.7076, 34.2615, 4.8893

Background



This preview shows how black text looks on a background with the XYZ color 32.7076, 34.2615, 4.8893.



This preview shows how white text looks on a background with the XYZ color 32.7076, 34.2615,

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

32.7076, 34.2615, 4.8893

Protanopia

31.0324, 34.3975, 5.2335

Deuteranopia

34.8120, 34.1265, 5.2042



Tritanopia

38.9156, 34.1834, 35.5573

Trichromacy



Original Color

32.7076, 34.2615, 4.8893

Protanomaly

31.7827, 34.5320, 5.1338

Deuteranomaly

34.0480, 34.2141, 5.0966

Tritanomaly

35.0902, 33.5500, 16.4307

Monochromacy



Original Color

32.7076, 34.2615, 4.8893

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.1912, 30.7279, 15.0349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7076, 34.2615, 4.8893 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(189, 155, 0)` looks like.

```
.text, #text, p{  
    color:rgb(189, 155, 0)  
}
```

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(189, 155, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 155, 0) }
```

Border

The CSS property to change the border of an element to XYZ 32.7076, 34.2615, 4.8893 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(189, 155, 0) }
```


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

```
.border{ border-color:rgb(189, 155, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 155, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 155, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 155, 0);  
box-shadow:4px 4px 4px 4px rgb(189, 155,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7076, 34.2615, 4.8893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 155, 0) }
```

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

```
.background{ background-color: rgb(189,  
155, 0) }
```

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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