

Converting Colors

XYZ(33.6922, 30.1597, 19.8659)

Have a look what the booklet for
XYZ(33.6922, 30.1597, 19.8659)
contains.

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Color

**XYZ(33.5796, 30.0297,
19.9461)**

Conversions

Conversions Part 1

Format	Color
Hex	C08872
RGB	192, 136, 114
RGB Percent	75%, 53%, 45%
CMY	0.2471, 0.4666, 0.5529
CMYK	0.00, 0.29, 0.41, 0.25
HSL	17°, 38%, 60%
HSV	17°, 41%, 75%
XYZ	33.5796, 30.0297, 19.9461
YIQ	150.2360, 40.4380, 5.0300

Conversions

Conversions Part 2

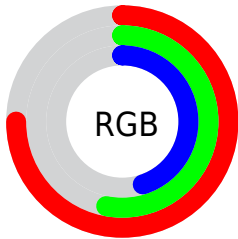
Format	Color
RYB	192, 145, 114
Decimal	12617842
CIELab	61.68, 18.64, 20.34
CIELCh	62, 27.592, 47.502
Yxy	30.0297, 0.4019, 0.3594
Android (android.graphics.Color)	4290807922 (0xFFC08872)
YUV	150.2360, -17.8643, 36.6270
Hunter-Lab	54.7994, 13.4812, 16.7789

Details

The XYZ color **33.5796, 30.0297, 19.9461** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.8279, 36.1311, 55.2181**, and the grayscale version is **29.1518, 30.6700, 33.3996**.

A 20% lighter version of the original color is **64.7207, 59.9041, 44.2279**, and **14.4645, 12.2832, 6.7628** is the 20% darker color. If you saturate the color by 10%, you get **30.7815, 26.0026, 14.1758**, and if you desaturate by 10%, it is **36.8584, 34.6508, 27.0089**.

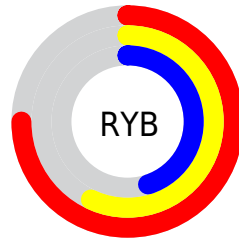
Distribution



Red (75%)

Green (53%)

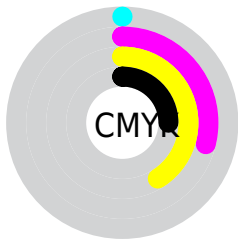
Blue (45%)



Red (75%)

Yellow (57%)

Blue (45%)

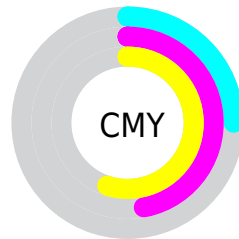


Cyan (0%)

Magenta (29%)

Yellow (41%)

Black (25%)



Cyan (25%)


Magenta (47%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.5796, 30.0297, 19.9461 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 33.5796, 30.0297, 19.9461 by changing the saturation by 10% instead.


 33.5796, 30.0297,
19.9461


 33.5796, 30.0297,
19.9461


309.8724,
302.0429, 264.2178

 22.7322, 19.8611,
12.1722


 64.6280, 59.7091,
44.1846


 14.5155, 12.2941,
6.7371


 85.5597, 79.9888,
61.4862

 8.5641, 6.9443,
3.2223


 110.5836,
104.4076, 82.8009

 4.5128, 3.4273,
1.2092

 140.0649,
133.3500, 108.5470

 1.9961, 1.3587,
0.0000

174.3691,
167.2003, 139.1432

 0.6318, 0.1860,
0.0000

213.8616,

 0.0000, 0.0000,

206.3430, 175.0081

0.0000

258.9075,
251.1624, 216.5601

■ 33.5796, 30.0297,
19.9461

■ 33.5796, 30.0297,
19.9461

■ 30.7815, 26.0026,
14.1758

■ 36.8584, 34.6508,
27.0089

■ 28.4377, 22.5405,
9.6170

■ 40.6376, 39.8847,
35.4350

■ 26.5230, 19.6182,
6.1818


■ 44.9388, 45.7547,
45.2922


■ 25.0081, 17.2070,
3.7701


■ 49.7814, 52.2816,
56.6432


■ 23.8597, 15.2748,
2.2631


■ 55.1840, 59.4853,
69.5468

 23.0650, 13.8601,
1.4596

 61.1640, 67.3847,
84.0589

 67.7384, 75.9980,
100.2324

 72.8271, 84.5043,
107.0803

 75.5481, 89.9464,
107.9873

Harmonies

Analogous

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



35.8147, 30.0297, 26.9885



33.5796, 30.0297, 19.9461



30.0968, 30.0297, 16.6698

Triad

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



33.5796, 30.0297, 19.9461



22.1927, 30.0297, 28.5160



30.7174, 30.0297, 56.0051

Complementary

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



33.5796, 30.0297, 19.9461



30.8279, 36.1311, 55.2181

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.



27.0424, 30.0297, 56.6613



33.5796, 30.0297, 19.9461



22.3278, 30.0297, 39.1590

Square

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



33.5796, 30.0297, 19.9461



23.6495, 30.0297, 20.8570



24.0358, 30.0297, 49.9748



34.0674, 30.0297, 48.3377

Rectangle

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



33.5796, 30.0297, 19.9461



27.6310, 30.0297, 16.4754



24.0358, 30.0297, 49.9748



29.4735, 30.0297, 57.1038

Sweetspot

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



33.5804, 30.0311, 19.9467



80.1409, 81.1598, 79.0906



35.1254, 26.1892, 41.8319



16.9656, 17.1024, 16.4432



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



33.5804, 30.0311, 19.9467



56.1678, 47.6879, 26.4768



39.8729, 42.6162, 22.0442



10.2994, 10.5303, 10.5516



15.5782, 9.4421, 1.0014



0.7335, 0.5288, 0.0634

Inverse Universe

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



30.8279, 36.1311, 55.2181



50.4502, 60.2246, 99.3258



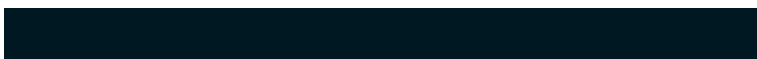
24.7325, 23.9403, 53.1863



10.1206, 10.9326, 12.8616



12.5706, 14.8976, 35.7696



0.5991, 0.7556, 1.5642

Previews

White Background



This preview shows how the XYZ color 33.5796, 30.0297, 19.9461 looks on a white background.

Color Contrast Check

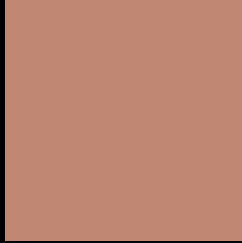
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.5796, 30.0297, 19.9461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

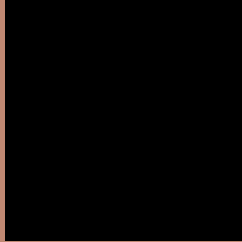
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.5796, 30.0297, 19.9461

Background



This preview shows how black text looks on a background with the XYZ color 33.5796, 30.0297, 19.9461.



This preview shows how white text looks on a background with the XYZ color 33.5796, 30.0297,

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

33.5796, 30.0297, 19.9461

Protanopia

28.2382, 30.1201, 22.0947

Deuteranopia

30.7076, 30.0673, 19.8079



Tritanopia

35.6394, 30.0576, 29.5145

Trichromacy



Original Color

33.5796, 30.0297, 19.9461

Protanomaly

29.8208, 29.8006, 21.3199

Deuteranomaly

31.6501, 29.8935, 19.7247

Tritanomaly

34.8005, 29.9103, 25.7689

Monochromacy



Original Color

33.5796, 30.0297, 19.9461

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.1578, 30.0563, 27.8789

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5796, 30.0297, 19.9461 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(192, 136, 114)` looks like.

```
.text, #text, p{  
    color:rgb(192, 136, 114)  
}
```

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(192, 136, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 136, 114) }
```

Border

The CSS property to change the border of an element to XYZ 33.5796, 30.0297, 19.9461 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(192, 136, 114) }
```


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

```
.border{ border-color:rgb(192, 136, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 136, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 136, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 136, 114);  
box-shadow:4px 4px 4px 4px rgb(192, 136,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5796, 30.0297, 19.9461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 136, 114) }
```

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

```
.background{ background-color: rgb(192,  
136, 114) }
```

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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