

Converting Colors

XYZ(36.7342, 30.4846, 21.7903)

Have a look what the booklet for
XYZ(36.7342, 30.4846, 21.7903)
contains.

XYZ(36.5496, 30.3005, 21.6915)	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(36.5496, 30.3005,
21.6915)**

Conversions

Conversions Part 1

Format	Color
Hex	CD8278
RGB	205, 130, 120
RGB Percent	80%, 51%, 47%
CMY	0.1961, 0.4902, 0.5294
CMYK	0.00, 0.37, 0.41, 0.20
HSL	7°, 46%, 64%
HSV	7°, 41%, 80%
XYZ	36.5496, 30.3005, 21.6915
YIQ	151.2850, 47.9100, 12.7900

Conversions

Conversions Part 2

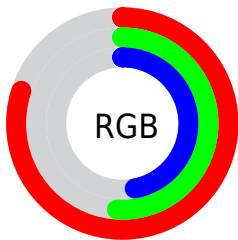
Format	Color
R _Y B	205, 131, 120
Decimal	13468280
CIE Lab	61.91, 27.76, 17.52
CIE LCh	62, 32.833, 32.258
Yxy	30.3005, 0.4128, 0.3422
Android (android.graphics.Color)	4291658360 (0xFFCD8278)
YUV	151.2850, -15.4235, 47.1081
Hunter-Lab	55.0459, 22.1909, 15.1682

Details

The XYZ color **36.5496, 30.3005, 21.6915** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **38.2792, 47.4288, 64.8945**, and the grayscale version is **29.5879, 31.1288, 33.8992**.

A 20% lighter version of the original color is **65.8269, 58.5195, 46.8557**, and **16.2511, 12.5011, 7.6873** is the 20% darker color. If you saturate the color by 10%, you get **33.2381, 25.4600, 15.0928**, and if you desaturate by 10%, it is **40.5519, 36.0963, 29.8350**.

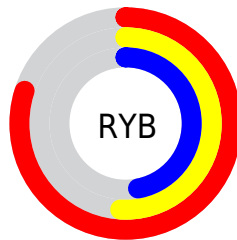
Distribution



Red (80%)

Green (51%)

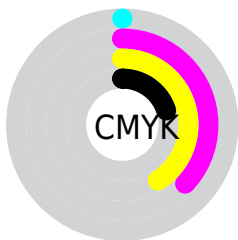
Blue (47%)



Red (80%)

Yellow (51%)

Blue (47%)

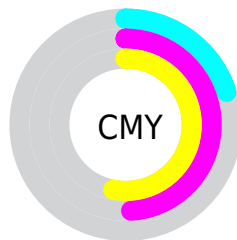


Cyan (0%)

Magenta (37%)

Yellow (41%)

Black (20%)



Cyan (20%)


Magenta (49%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.5496, 30.3005, 21.6915 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 36.5496, 30.3005, 21.6915 by changing the saturation by 10% instead.


 36.5496, 30.3005,
21.6915


 36.5496, 30.3005,
21.6915


322.7459,
303.3026, 273.8317

 25.0310, 20.0668,
13.4342


 69.1979, 60.1371,
47.1312

 16.2290, 12.4436,
7.5940


 91.0583, 80.5087,
65.1508

 9.7782, 7.0465,
3.7523


 117.0967,
105.0285, 87.2615

 5.3133, 3.4912,
1.4904

147.6784,
134.0807, 113.8819

 2.4689, 1.3932,
0.2108

183.1688,
168.0499, 145.4306

 0.8796, 0.2117,
0.0000

223.9333,

 0.0000, 0.0000,

207.3203, 182.3261

0.0000

270.3372,
252.2765, 224.9870

■ 36.5496, 30.3005,
21.6915

■ 36.5496, 30.3005,
21.6915

■ 33.2381, 25.4600,
15.0928

■ 40.5519, 36.0963,
29.8350

■ 30.5758, 21.5191,
9.9394

■ 45.2788, 42.8902,
39.6108

■ 28.5202, 18.4235,
6.1231


■ 50.7647, 50.7278,
51.1019


■ 27.0225, 16.1108,
3.5193

■ 57.0412, 59.6507,
64.3850

■ 26.0263, 14.5100,
1.9801

■ 64.1379, 69.6980,
79.5324

 25.5061, 13.6377,
1.2880

 72.0830, 80.9071,
96.6121

 78.9867, 91.7191,
108.1483

Harmonies

Analogous

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



38.0914, 30.3005, 32.0480



36.5496, 30.3005, 21.6915



32.9132, 30.3005, 15.8792

Triad

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



36.5496, 30.3005, 21.6915



21.9520, 30.3005, 22.9641



29.1339, 30.3005, 63.5484

Complementary

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



36.5496, 30.3005, 21.6915



38.2792, 47.4288, 64.8945

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.



25.0441, 30.3005, 59.3680



36.5496, 30.3005, 21.6915



21.1571, 30.3005, 33.9546

Square

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



36.5496, 30.3005, 21.6915



24.5225, 30.3005, 16.4719



22.2309, 30.3005, 47.6614



33.5475, 30.3005, 57.9688

Rectangle

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



36.5496, 30.3005, 21.6915



29.9526, 30.3005, 14.3582



22.2309, 30.3005, 47.6614



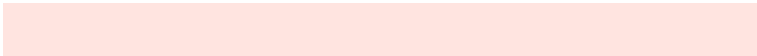
27.6768, 30.3005, 63.2367

Sweetspot

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



36.5504, 30.3020, 21.6921



82.4928, 82.1513, 82.3147



41.7531, 30.3562, 55.3378



17.3892, 17.2022, 17.0560



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.



36.5504, 30.3020, 21.6921



54.8521, 42.3027, 25.5242



43.3990, 43.9992, 23.9749



11.3169, 11.4228, 11.6878



15.9151, 8.5632, 0.8140



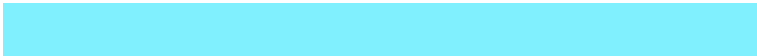
0.8574, 0.5146, 0.0541

Inverse Universe

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



38.2792, 47.4288, 64.8945



58.0350, 74.0863, 105.8491



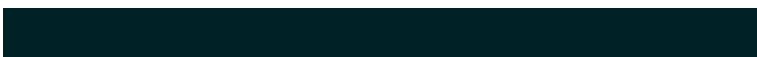
30.0885, 31.0474, 62.1643



11.4262, 12.4928, 14.3795



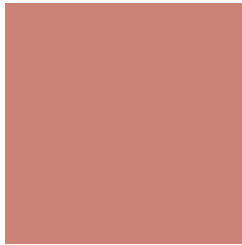
17.1760, 23.3759, 39.5630



0.9187, 1.2712, 2.0519

Previews

White Background



This preview shows how the XYZ color 36.5496, 30.3005, 21.6915 looks on a white background.

Color Contrast Check

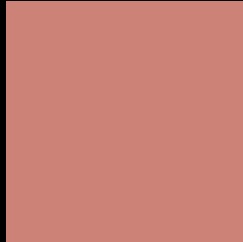
Large Text (above 18pt) WCAG AA × Fail

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 36.5496, 30.3005, 21.6915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

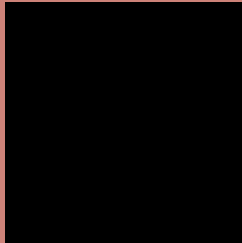
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.5496, 30.3005, 21.6915

Background



This preview shows how black text looks on a background with the XYZ color 36.5496, 30.3005, 21.6915.



This preview shows how white text looks on a background with the XYZ color 36.5496, 30.3005,

21.6915.

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

36.5496, 30.3005, 21.6915

Protanopia

28.8402, 30.5925, 25.5040

Deuteranopia

30.8633, 30.3448, 21.0601



Tritanopia

37.5583, 30.1067, 27.4985

Trichromacy



Original Color

36.5496, 30.3005, 21.6915

Protanomaly

31.0439, 30.1500, 23.9220

Deuteranomaly

32.7523, 30.2123, 21.2449

Tritanomaly

37.2695, 30.1988, 25.3374

Monochromacy



Original Color

36.5496, 30.3005, 21.6915

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.3507, 30.1963, 28.9871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5496, 30.3005, 21.6915 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(205, 130, 120)` looks like.

```
.text, #text, p{  
    color:rgb(205, 130, 120)  
}
```

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(205, 130, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 130, 120) }
```

Border

The CSS property to change the border of an element to XYZ 36.5496, 30.3005, 21.6915 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(205, 130, 120) }
```


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

```
.border{ border-color:rgb(205, 130, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 130, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 130, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 130, 120);  
box-shadow:4px 4px 4px 4px rgb(205, 130,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5496, 30.3005, 21.6915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 130, 120) }
```

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

```
.background{ background-color: rgb(205,  
130, 120) }
```

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