

Converting Colors

XYZ(34.9540, 28.2992, 20.5218)

Have a look what the booklet for
XYZ(34.9540, 28.2992, 20.5218)
contains.

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Color

**XYZ(35.0471, 28.3962,
20.4634)**

Conversions

Conversions Part 1

Format	Color
Hex	CB7C75
RGB	203, 124, 117
RGB Percent	80%, 49%, 46%
CMY	0.2039, 0.5137, 0.5412
CMYK	0.00, 0.39, 0.42, 0.20
HSL	5°, 45%, 63%
HSV	5°, 42%, 80%
XYZ	35.0471, 28.3962, 20.4634
YIQ	146.8230, 49.3310, 14.5710

Conversions

Conversions Part 2

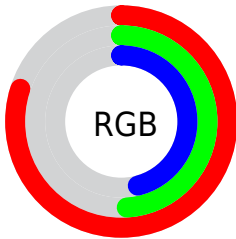
Format	Color
R_{YB}	203, 125, 117
Decimal	13335669
CIE _{Lab}	60.25, 29.90, 16.90
CIE _{LCh}	60, 34.344, 29.470
Yxy	28.3962, 0.4177, 0.3384
Android (android.graphics.Color)	4291525749 (0xFFCB7C75)
YUV	146.8230, -14.7027, 49.2672
Hunter-Lab	53.2881, 24.1437, 14.5334

Details

The XYZ color **35.0471, 28.3962, 20.4634** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.8544, 47.5712, 63.6867**, and the grayscale version is **27.7053, 29.1481, 31.7423**.

A 20% lighter version of the original color is **64.1236, 55.5689, 44.8823**, and **15.3770, 11.4382, 7.0276** is the 20% darker color. If you saturate the color by 10%, you get **31.8605, 23.7305, 14.1375**, and if you desaturate by 10%, it is **38.9358, 34.0519, 28.3007**.

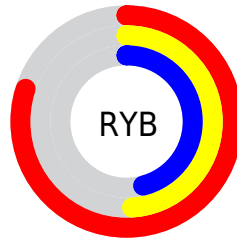
Distribution



Red (80%)

Green (49%)

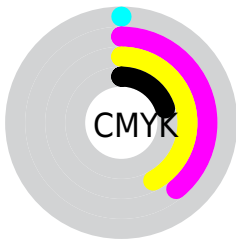
Blue (46%)



Red (80%)

Yellow (49%)

Blue (46%)

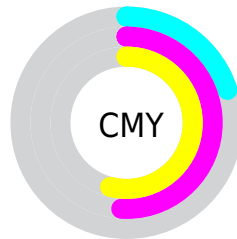


Cyan (0%)

Magenta (39%)

Yellow (42%)

Black (20%)



Cyan (20%)


Magenta (51%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 35.0471, 28.3962, 20.4634 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 35.0471, 28.3962, 20.4634 by changing the saturation by 10% instead.


 35.0471, 28.3962,
20.4634


 35.0471, 28.3962,
20.4634


316.2806,
294.3553, 267.0996


 23.8658, 18.6245,
12.5449


 66.8923, 57.1164,
45.0619

 15.3583, 11.3993,
6.9889

 88.2869, 76.8337,
62.5790

 9.1592, 6.3361,
3.3768

 113.8167,
100.6350, 84.1327

 4.9031, 3.0505,
1.2901

143.8470,
128.9047, 110.1416

 2.2247, 1.1582,
0.0537

178.7432,
162.0272, 141.0242

 0.7557, 0.0271,
0.0000

218.8706,

 0.0000, 0.0000,

200.3868, 177.1990

0.0000

264.5946,
244.3681, 219.0846

■ 35.0471, 28.3962,
20.4634

■ 35.0471, 28.3962,
20.4634

■ 31.8605, 23.7305,
14.1375

■ 38.9358, 34.0519,
28.3007

■ 29.3320, 19.9939,
9.2240

■ 43.5629, 40.7456,
37.7365

■ 27.4159, 17.1253,
5.6149


■ 48.9646, 48.5272,
48.8532


■ 26.0599, 15.0546,
3.1855


■ 55.1743, 57.4421,
61.7270


■ 25.2024, 13.7006,
1.7870

■ 62.2233, 67.5332,
76.4294

 24.8218, 13.0831,
1.2170

 70.1412, 78.8411,
93.0280

 78.2890, 91.1375,
108.0728

 78.4385, 91.4365,
108.1226

Harmonies

Analogous

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



36.3659, 28.3962, 31.1435



35.0471, 28.3962, 20.4634



31.5204, 28.3962, 14.3900

Triad

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



35.0471, 28.3962, 20.4634



20.3377, 28.3962, 20.1698



26.9115, 28.3962, 62.0329

Complementary

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



35.0471, 28.3962, 20.4634



37.8544, 47.5712, 63.6867

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.



22.9155, 28.3962, 56.8420



35.0471, 28.3962, 20.4634



19.3819, 28.3962, 30.6949

Square

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



35.0471, 28.3962, 20.4634



23.0373, 28.3962, 14.2557



20.2729, 28.3962, 44.4385



31.3702, 28.3962, 57.1793

Rectangle

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



35.0471, 28.3962, 20.4634



28.5659, 28.3962, 12.6892



20.2729, 28.3962, 44.4385



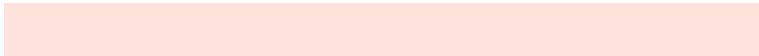
25.4727, 28.3962, 61.3875

Sweetspot

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



35.0478, 28.3976, 20.4639



81.2085, 80.1334, 80.1890



41.0985, 29.4627, 56.5042



16.9294, 16.5007, 16.2302



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.



35.0478, 28.3976, 20.4639



53.6784, 40.2193, 24.3192



41.4273, 41.1565, 22.5904



11.2845, 11.3580, 11.6770



15.8239, 8.3808, 0.7836



0.8424, 0.4845, 0.0491

Inverse Universe

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



37.8544, 47.5712, 63.6867



58.9734, 76.5226, 106.2699



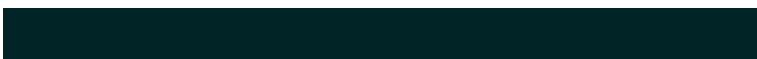
29.7154, 31.2932, 60.9737



11.4621, 12.5646, 14.3915



18.1287, 25.2813, 39.8806



0.9589, 1.3515, 2.0653

Previews

White Background



This preview shows how the XYZ color 35.0471, 28.3962, 20.4634 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 35.0471, 28.3962, 20.4634 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 35.0471, 28.3962, 20.4634

Background



This preview shows how black text looks on a background with the XYZ color 35.0471, 28.3962, 20.4634.



This preview shows how white text looks on a background with the XYZ color 35.0471, 28.3962,

20.4634.

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

35.0471, 28.3962, 20.4634

Protanopia

26.9051, 28.4585, 24.1537

Deuteranopia

28.9929, 28.5171, 19.8959



Tritanopia

35.9581, 28.3951, 25.0583

Trichromacy



Original Color

35.0471, 28.3962, 20.4634

Protanomaly

29.3154, 27.9793, 22.5943

Deuteranomaly

30.9110, 28.2331, 20.0400

Tritanomaly

35.7507, 28.5096, 23.3573

Monochromacy



Original Color

35.0471, 28.3962, 20.4634

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.6129, 28.4583, 27.2248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0471, 28.3962, 20.4634 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(203, 124, 117)` looks like.

```
.text, #text, p{  
    color:rgb(203, 124, 117)  
}
```

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(203, 124, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 124, 117) }
```

Border

The CSS property to change the border of an element to XYZ 35.0471, 28.3962, 20.4634 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(203, 124, 117) }
```


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

```
.border{ border-color:rgb(203, 124, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 124, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 124, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 124, 117);  
box-shadow:4px 4px 4px 4px rgb(203, 124,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0471, 28.3962, 20.4634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 124, 117) }
```

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

```
.background{ background-color: rgb(203,  
124, 117) }
```

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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