

Converting Colors

XYZ(37.3416, 29.5722, 20.8794)

Have a look what the booklet for
XYZ(37.3416, 29.5722, 20.8794)
contains.

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Color

**XYZ(37.3416, 29.5722,
20.8794)**

Conversions

Conversions Part 1

Format	Color
Hex	D37C76
RGB	211, 124, 118
RGB Percent	83%, 49%, 46%
CMY	0.1726, 0.5137, 0.5373
CMYK	0.00, 0.41, 0.44, 0.17
HSL	4°, 51%, 65%
HSV	4°, 44%, 83%
XYZ	37.3416, 29.5722, 20.8794
YIQ	149.3290, 53.7780, 16.5780

Conversions

Conversions Part 2

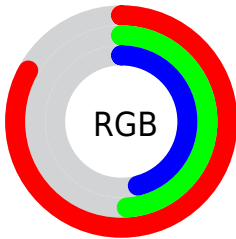
Format	Color
R _Y B	211, 124, 118
Decimal	13859958
CIE Lab	61.28, 33.08, 17.92
CIE LCh	61, 37.624, 28.435
Yxy	29.5722, 0.4253, 0.3368
Android (android.graphics.Color)	4292050038 (0xFFD37C76)
YUV	149.3290, -15.4452, 54.0855
Hunter-Lab	54.3803, 27.4059, 15.3018

Details

The XYZ color **37.3416, 29.5722, 20.8794** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **41.0592, 52.2148, 69.5422**, and the grayscale version is **28.7536, 30.2510, 32.9434**.

A 20% lighter version of the original color is **64.4161, 56.0031, 45.4448**, and **16.6249, 11.9796, 7.2304** is the 20% darker color. If you saturate the color by 10%, you get **33.9943, 24.6648, 14.2542**, and if you desaturate by 10%, it is **41.4659, 35.5848, 29.1478**.

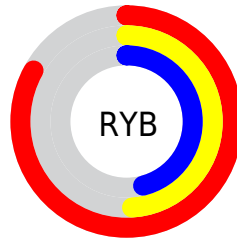
Distribution



Red (83%)

Green (49%)

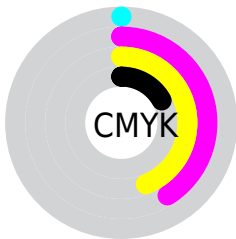
Blue (46%)



Red (83%)

Yellow (49%)

Blue (46%)

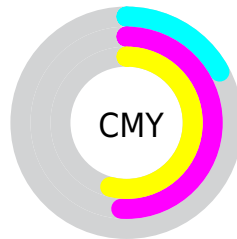


Cyan (0%)

Magenta (41%)

Yellow (44%)

Black (17%)



Cyan (17%)


Magenta (51%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3416, 29.5722, 20.8794 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 37.3416, 29.5722, 20.8794 by changing the saturation by 10% instead.


 37.3416, 29.5722,
20.8794


 37.3416, 29.5722,
20.8794

326.1170,
299.9053, 269.3968


 25.6470, 19.5141,
12.8455


 70.4083, 58.9850,
45.7649

 16.6910, 12.0423,
7.1928


 92.5110, 79.1084,
63.4536

 10.1084, 6.7725,
3.5027


 118.8139,
103.3558, 85.1976

 5.5337, 3.3202,
1.3567

149.6822,
132.1115, 111.4156

 2.6016, 1.3011,
0.1076

185.4813,
165.7599, 142.5259

 0.9468, 0.1421,
0.0000

226.5766,

 0.0000, 0.0000,

204.6854, 178.9472

0.0000

273.3334,
249.2724, 221.0980

■ 37.3416, 29.5722,
20.8794

■ 37.3416, 29.5722,
20.8794

■ 33.9943, 24.6648,
14.2542

■ 41.4659, 35.5848,
29.1478

■ 31.3732, 20.7913,
9.1608

■ 46.4094, 42.7595,
39.1573

■ 29.4248, 17.8787,
5.4771


■ 52.2139, 51.1546,
50.9999


■ 28.0874, 15.8431,
3.0610


■ 58.9176, 60.8232,
64.7610

■ 27.2878, 14.5856,
1.7412

■ 66.5567, 71.8153,
80.5204

 27.0159, 14.1529,
1.3079

 75.1650, 84.1782,
98.3533

 80.6739, 92.5888,
108.2272

Harmonies

Analogous

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



38.7430, 29.5722, 32.9496



37.3416, 29.5722, 20.8794



33.3934, 29.5722, 14.1019

Triad

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



37.3416, 29.5722, 20.8794



20.7486, 29.5722, 19.9278



27.8482, 29.5722, 67.8842

Complementary

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



37.3416, 29.5722, 20.8794



41.0592, 52.2148, 69.5422

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.



23.4111, 29.5722, 61.4788



37.3416, 29.5722, 20.8794



19.6217, 29.5722, 31.4601

Square

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



37.3416, 29.5722, 20.8794



23.8121, 29.5722, 13.6767



20.5369, 29.5722, 47.0112



32.8907, 29.5722, 62.6321

Rectangle

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



37.3416, 29.5722, 20.8794



30.0603, 29.5722, 12.1878



20.5369, 29.5722, 47.0112



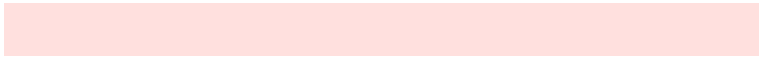
26.2411, 29.5722, 66.9945

Sweetspot

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



37.3424, 29.5737, 20.8800



81.0578, 79.8321, 80.1388



44.5255, 31.2792, 62.3063



16.8928, 16.4275, 16.2180



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.



37.3424, 29.5737, 20.8800



52.4157, 38.2017, 22.3327



44.3499, 43.5887, 23.2158



11.8692, 11.9290, 12.2890



16.3306, 8.5941, 0.7981



0.9351, 0.5245, 0.0520

Inverse Universe

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



41.0592, 52.2148, 69.5422



58.8138, 77.2801, 106.4245



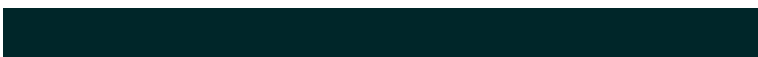
31.7740, 33.6445, 66.4472



12.0903, 13.2709, 15.1680



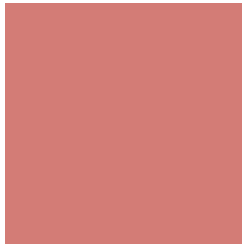
19.2261, 27.0989, 41.4098



1.0952, 1.5555, 2.3221

Previews

White Background



This preview shows how the XYZ color 37.3416, 29.5722, 20.8794 looks on a white background.

Color Contrast Check

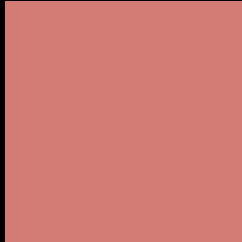
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.3416, 29.5722, 20.8794 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 37.3416, 29.5722, 20.8794

Background



This preview shows how black text looks on a background with the XYZ color 37.3416, 29.5722, 20.8794.



This preview shows how white text looks on a background with the XYZ color 37.3416, 29.5722,

20.8794.

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

37.3416, 29.5722, 20.8794

Protanopia

28.1367, 29.7601, 25.3804

Deuteranopia

30.2231, 29.5825, 20.3367



Tritanopia

38.2076, 29.5548, 25.1636

Trichromacy



Original Color

37.3416, 29.5722, 20.8794

Protanomaly

30.6777, 29.0856, 23.7358

Deuteranomaly

32.3099, 29.1537, 20.4473

Tritanomaly

38.0002, 29.6693, 23.4626

Monochromacy



Original Color

37.3416, 29.5722, 20.8794

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.9788, 29.3618, 28.0794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3416, 29.5722, 20.8794 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(211, 124, 118)` looks like.

```
.text, #text, p{  
    color:rgb(211, 124, 118)  
}
```

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(211, 124, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 124, 118) }
```

Border

The CSS property to change the border of an element to XYZ 37.3416, 29.5722, 20.8794 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(211, 124, 118) }
```


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

```
.border{ border-color:rgb(211, 124, 118) }
```

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

Here you see how a box with a 4 pixel rgb(211, 124, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 124, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 124, 118);  
box-shadow:4px 4px 4px 4px rgb(211, 124,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3416, 29.5722, 20.8794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 124, 118) }
```

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

```
.background{ background-color: rgb(211,  
124, 118) }
```

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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