

Converting Colors

XYZ(37.9422, 30.3189, 21.2421)

Have a look what the booklet for
XYZ(37.9422, 30.3189, 21.2421)
contains.

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Color

**XYZ(37.9420, 30.2507,
21.2920)**

Conversions

Conversions Part 1

Format	Color
Hex	D47E77
RGB	212, 126, 119
RGB Percent	83%, 49%, 47%
CMY	0.1686, 0.5059, 0.5333
CMYK	0.00, 0.41, 0.44, 0.17
HSL	5°, 52%, 65%
HSV	5°, 44%, 83%
XYZ	37.9420, 30.2507, 21.2920
YIQ	150.9160, 53.5030, 16.0550

Conversions

Conversions Part 2

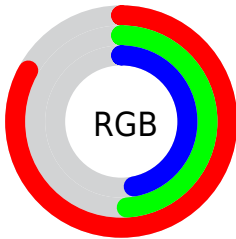
Format	Color
R _Y B	212, 127, 119
Decimal	13926007
CIE Lab	61.87, 32.51, 18.17
CIE LCh	62, 37.243, 29.205
Yxy	30.2507, 0.4240, 0.3381
Android (android.graphics.Color)	4292116087 (0xFFD47E77)
YUV	150.9160, -15.7346, 53.5707
Hunter-Lab	55.0006, 26.8865, 15.5479

Details

The XYZ color **37.9420, 30.2507, 21.2920** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **41.3216, 52.3356, 70.2111**, and the grayscale version is **29.4294, 30.9620, 33.7177**.

A 20% lighter version of the original color is **64.9119, 56.8428, 46.0786**, and **16.9798, 12.3571, 7.4515** is the 20% darker color. If you saturate the color by 10%, you get **34.5422, 25.2664, 14.5624**, and if you desaturate by 10%, it is **42.1185, 36.3339, 29.6820**.

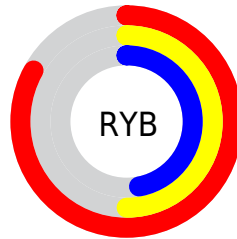
Distribution



Red (83%)

Green (49%)

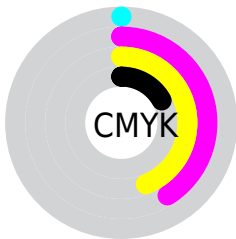
Blue (47%)



Red (83%)

Yellow (50%)

Blue (47%)

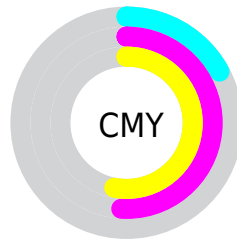


Cyan (0%)

Magenta (41%)

Yellow (44%)

Black (17%)



Cyan (17%)


Magenta (51%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.9420, 30.2507, 21.2920 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 37.9420, 30.2507, 21.2920 by changing the saturation by 10% instead.


 37.9420, 30.2507,
21.2920


 37.9420, 30.2507,
21.2920

328.6563,
303.0713, 271.6581


 26.1147, 20.0290,
13.1443


 71.3237, 60.0584,
46.4601

 17.0426, 12.4161,
7.3961


 93.6088, 80.4132,
64.3175

 10.3604, 7.0277,
3.6288


 120.1105,
104.9144, 86.2487

 5.7026, 3.4794,
1.4240

151.1943,
133.9465, 112.6720

 2.7040, 1.3869,
0.1603

187.2254,
167.8938, 144.0060

 0.9993, 0.2070,
0.0000

228.5691,

 0.0000, 0.0000,

207.1408, 180.6694

0.0000

275.5910,
252.0718, 223.0806

■ 37.9420, 30.2507,
21.2920

■ 37.9420, 30.2507,
21.2920

■ 34.5422, 25.2664,
14.5624

■ 42.1185, 36.3339,
29.6820

■ 31.8688, 21.3112,
9.3814

■ 47.1132, 43.5713,
39.8309

■ 29.8694, 18.3145,
5.6258


■ 52.9674, 52.0201,
51.8315


■ 28.4834, 16.1945,
3.1532


■ 59.7190, 61.7321,
65.7696

■ 27.6390, 14.8561,
1.7916

■ 67.4035, 72.7563,
81.7257

 27.3361, 14.3667,
1.3323

 76.0546, 85.1390,
99.7755

 80.9613, 92.7370,
108.2407

Harmonies

Analogous

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



39.4235, 30.2507, 33.3198



37.9420, 30.2507, 21.2920



33.9361, 30.2507, 14.5571

Triad

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



37.9420, 30.2507, 21.2920



21.2896, 30.2507, 20.8031



28.6197, 30.2507, 68.6508

Complementary

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



37.9420, 30.2507, 21.2920



41.3216, 52.3356, 70.2111

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.



24.1254, 30.2507, 62.5398



37.9420, 30.2507, 21.2920



20.2048, 30.2507, 32.5588

Square

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



37.9420, 30.2507, 21.2920



24.3307, 30.2507, 14.3374



21.1811, 30.2507, 48.2042



33.6797, 30.2507, 63.1250

Rectangle

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



37.9420, 30.2507, 21.2920



30.5826, 30.2507, 12.6829



21.1811, 30.2507, 48.2042



26.9967, 30.2507, 67.8666

Sweetspot

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



37.9428, 30.2522, 21.2926



81.1537, 80.0239, 80.1708



44.8645, 31.6374, 62.0071



16.9161, 16.4741, 16.2258



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.



37.9428, 30.2522, 21.2926



52.6077, 38.5857, 22.3967



45.1767, 44.7200, 23.7039



12.4977, 12.5695, 12.9282



16.9042, 8.9256, 0.8319



1.0464, 0.5921, 0.0591

Inverse Universe

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



41.3216, 52.3356, 70.2111



58.3729, 76.3983, 106.2775



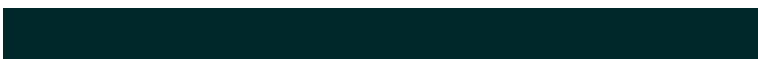
31.9414, 33.5752, 67.0843



12.7084, 13.9403, 15.9585



19.5600, 27.3818, 42.7074



1.2041, 1.7003, 2.5840

Previews

White Background



This preview shows how the XYZ color 37.9420, 30.2507, 21.2920 looks on a white background.

Color Contrast Check

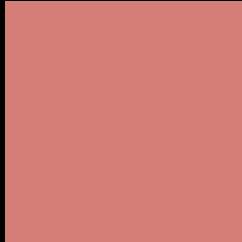
Large Text (above 18pt) WCAG AA × Fail

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 37.9420, 30.2507, 21.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

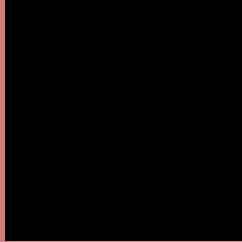
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.9420, 30.2507, 21.2920

Background



This preview shows how black text looks on a background with the XYZ color 37.9420, 30.2507, 21.2920.



This preview shows how white text looks on a background with the XYZ color 37.9420, 30.2507,

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

37.9420, 30.2507, 21.2920

Protanopia

28.8402, 30.5925, 25.5040

Deuteranopia

31.0301, 30.4376, 20.7626



Tritanopia

38.8819, 30.2549, 25.9808

Trichromacy



Original Color

37.9420, 30.2507, 21.2920

Protanomaly

31.4222, 29.9032, 23.8544

Deuteranomaly

33.1428, 29.9945, 20.8723

Tritanomaly

38.6705, 30.3719, 24.2463

Monochromacy



Original Color

37.9420, 30.2507, 21.2920

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

31.5668, 30.0943, 28.5711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9420, 30.2507, 21.2920 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(212, 126, 119)` looks like.

```
.text, #text, p{  
    color:rgb(212, 126, 119)  
}
```

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(212, 126, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 126, 119) }
```

Border

The CSS property to change the border of an element to XYZ 37.9420, 30.2507, 21.2920 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(212, 126, 119) }
```


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

```
.border{ border-color:rgb(212, 126, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 126, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 126, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 126, 119); box-shadow:4px 4px 4px 4px rgb(212, 126, 119) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9420, 30.2507, 21.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 126, 119) }
```

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

```
.background{ background-color: rgb(212,  
126, 119) }
```

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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