

Converting Colors

XYZ(42.9357, 33.3876, 21.9711)

Have a look what the booklet for
XYZ(42.9357, 33.3876, 21.9711)
contains.

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Color

**XYZ(42.9190, 33.3875,
21.9516)**

Conversions

Conversions Part 1

Format	Color
Hex	E38178
RGB	227, 129, 120
RGB Percent	89%, 51%, 47%
CMY	0.1098, 0.4941, 0.5294
CMYK	0.00, 0.43, 0.47, 0.11
HSL	5°, 66%, 68%
HSV	5°, 47%, 89%
XYZ	42.9190, 33.3875, 21.9516
YIQ	157.2760, 61.2970, 17.9770

Conversions

Conversions Part 2

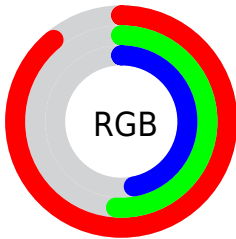
Format	Color
R _Y B	227, 130, 120
Decimal	14909816
CIE Lab	64.47, 36.73, 21.47
CIE LCh	64, 42.545, 30.314
Yxy	33.3875, 0.4368, 0.3398
Android (android.graphics.Color)	4293099896 (0xFFE38178)
YUV	157.2760, -18.3771, 61.1479
Hunter-Lab	57.7819, 31.4671, 17.9228

Details

The XYZ color **42.9190, 33.3875, 21.9516** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **46.6808, 59.6789, 81.7318**, and the grayscale version is **32.2339, 33.9125, 36.9308**.

A 20% lighter version of the original color is **65.6199, 58.1055, 46.7867**, and **20.0102, 14.2285, 7.6530** is the 20% darker color. If you saturate the color by 10%, you get **39.2357, 27.9705, 14.7139**, and if you desaturate by 10%, it is **47.4876, 40.0526, 31.0960**.

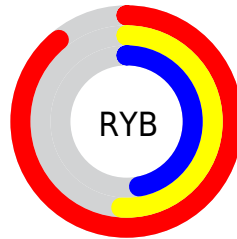
Distribution



Red (89%)

Green (51%)

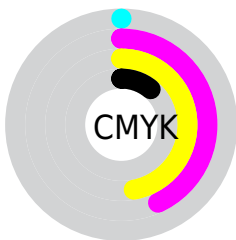
Blue (47%)



Red (89%)

Yellow (51%)

Blue (47%)

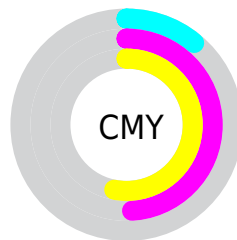


Cyan (0%)

Magenta (43%)

Yellow (47%)

Black (11%)



Cyan (11%)

Magenta (49%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.9190, 33.3875, 21.9516 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 42.9190, 33.3875, 21.9516 by changing the saturation by 10% instead.

42.9190, 33.3875,
21.9516

42.9190, 33.3875,
21.9516

349.2057,
317.3922, 275.2387

30.0158, 22.4235,
13.6234

78.8451, 64.9800,
47.5672

19.9987, 14.1684,
7.7234

102.5987, 86.3773,
65.6916

12.5024, 8.2379,
3.8333

130.6998,
112.0212, 87.9184

7.1614, 4.2475,
1.5343

163.5138,
142.2959, 114.6663

3.6105, 1.8130,
0.2433

201.4061,
177.5860, 146.3537

1.4842, 0.4952,
0.0000

244.7419,

0.3151, 0.0000,

218.2758, 183.3992

0.0000

293.8867,
264.7498, 226.2214

■ 0.0000, 0.0000,
0.0000

■ 42.9190, 33.3875,
21.9516

■ 42.9190, 33.3875,
21.9516

■ 39.2357, 27.9705,
14.7139

■ 47.4876, 40.0526,
31.0960

■ 36.3778, 23.7193,
9.2462

■ 52.9913, 48.0315,
42.2670

■ 34.2818, 20.5493,
5.3967


■ 59.4791, 57.3914,
55.5767

■ 32.8739, 18.3628,
2.9872

■ 66.9960, 68.1932,
71.1287

■ 32.0630, 17.0429,
1.7864

■ 75.5839, 80.4943,
89.0197

 31.9132, 16.8002,
1.5608

 85.0888, 94.2715,
108.3193

 85.4885, 95.0709,
108.4525

Harmonies

Analogous

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



44.9011, 33.3875, 36.1701



42.9190, 33.3875, 21.9516



37.8750, 33.3875, 14.3529

Triad

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



42.9190, 33.3875, 21.9516



22.6321, 33.3875, 22.1795



31.7979, 33.3875, 81.0962

Complementary

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



42.9190, 33.3875, 21.9516



46.6808, 59.6789, 81.7318

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.



26.2952, 33.3875, 73.8322



42.9190, 33.3875, 21.9516



21.4308, 33.3875, 36.5371

Square

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



42.9190, 33.3875, 21.9516



26.1974, 33.3875, 14.4519



22.6833, 33.3875, 55.9799



38.0000, 33.3875, 73.5383

Rectangle

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



42.9190, 33.3875, 21.9516



33.7392, 33.3875, 12.3487



22.6833, 33.3875, 55.9799



29.8096, 33.3875, 80.2860

Sweetspot

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



42.9198, 33.3892, 21.9522



80.2680, 78.7949, 78.2034



51.0609, 34.8303, 70.4185



16.7451, 16.2388, 15.8398



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.



42.9198, 33.3892, 21.9522



50.9807, 36.2687, 18.9657



51.8822, 51.3139, 24.9397



14.4740, 14.5619, 14.9523



18.6462, 9.8665, 0.9217



1.4118, 0.7970, 0.0794

Inverse Universe

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



46.6808, 59.6789, 81.7318



56.4177, 74.4741, 106.0092



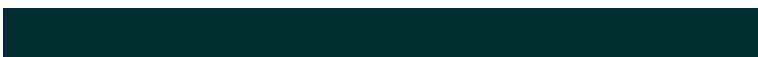
34.9911, 36.2995, 77.8352



14.6983, 16.1179, 18.4807



21.2681, 29.5983, 46.9753



1.6024, 2.2487, 3.4816

Previews

White Background



This preview shows how the XYZ color 42.9190, 33.3875, 21.9516 looks on a white background.

Color Contrast Check

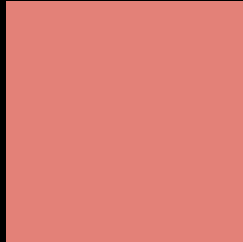
Large Text (above 18pt) WCAG AA × Fail

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 42.9190, 33.3875, 21.9516 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 42.9190, 33.3875, 21.9516

Background



This preview shows how black text looks on a background with the XYZ color 42.9190, 33.3875, 21.9516.



This preview shows how white text looks on a background with the XYZ color 42.9190, 33.3875,

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

42.9190, 33.3875, 21.9516

Protanopia

31.6392, 33.4697, 26.9830

Deuteranopia

34.0663, 33.3879, 21.1720



Tritanopia

44.0282, 33.4503, 27.4286

Trichromacy



Original Color

42.9190, 33.3875, 21.9516

Protanomaly

34.9142, 32.8076, 24.9144

Deuteranomaly

36.7033, 32.9097, 21.2474

Tritanomaly

43.7433, 33.5440, 25.2882

Monochromacy



Original Color

42.9190, 33.3875, 21.9516

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

34.7592, 32.8261, 30.8896

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9190, 33.3875, 21.9516 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(227, 129, 120)` looks like.

```
.text, #text, p{  
    color:rgb(227, 129, 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(227, 129, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 129, 120) }
```

Border

The CSS property to change the border of an element to XYZ 42.9190, 33.3875, 21.9516 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(227, 129, 120) }
```


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

```
.border{ border-color:rgb(227, 129, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 129, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 129, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 129, 120);  
box-shadow:4px 4px 4px 4px rgb(227, 129,  
120) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9190, 33.3875, 21.9516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 129, 120) }
```

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

```
.background{ background-color: rgb(227,  
129, 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](#).

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