

Converting Colors

XYZ(49.0189, 42.3842, 37.0008)

Have a look what the booklet for
XYZ(49.0189, 42.3842, 37.0008)
contains.

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Color

**XYZ(49.1091, 42.5218,
37.0717)**

Conversions

Conversions Part 1

Format	Color
Hex	E19D9C
RGB	225, 157, 156
RGB Percent	88%, 62%, 61%
CMY	0.1176, 0.3843, 0.3882
CMYK	0.00, 0.30, 0.31, 0.12
HSL	1°, 53%, 75%
HSV	1°, 31%, 88%
XYZ	49.1091, 42.5218, 37.0717
YIQ	177.2180, 40.8490, 14.1050

Conversions

Conversions Part 2

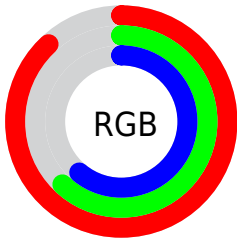
Format	Color
R _Y B	225, 157, 156
Decimal	14785948
CIE Lab	71.23, 25.23, 10.74
CIE LCh	71, 27.419, 23.060
Yxy	42.5218, 0.3816, 0.3304
Android (android.graphics.Color)	4292976028 (0xFFE19D9C)
YUV	177.2180, -10.4605, 41.9048
Hunter-Lab	65.2087, 20.3141, 11.9393

Details

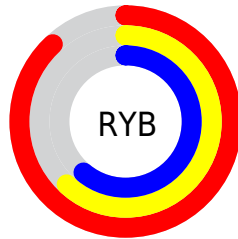
The XYZ color **49.1091, 42.5218, 37.0717** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.9557, 65.8134, 81.0939**, and the grayscale version is **41.9437, 44.1281, 48.0555**.

A 20% lighter version of the original color is **76.4163, 73.0001, 71.0356**, and **23.7498, 19.4479, 15.8667** is the 20% darker color. If you saturate the color by 10%, you get **43.9605, 34.9964, 26.8103**, and if you desaturate by 10%, it is **55.2936, 51.5538, 49.4204**.

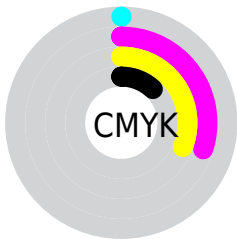
Distribution



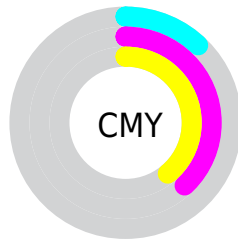
- Red (88%)
- Green (62%)
- Blue (61%)



- Red (88%)
- Yellow (62%)
- Blue (61%)



- Cyan (0%)
- Magenta (30%)
- Yellow (31%)
- Black (12%)





- Cyan (12%)
- Magenta (38%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.1091, 42.5218, 37.0717 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 49.1091, 42.5218, 37.0717 by changing the saturation by 10% instead.


 49.1091, 42.5218,
37.0717


 49.1091, 42.5218,
37.0717


373.6815,
356.6415, 348.7989

 34.9209, 29.5101,
24.9668


 88.0532, 78.9887,
71.8706

 23.7682, 19.4670,
15.8335


 113.5399,
103.2128, 95.4017

 15.2856, 12.0082,
9.2533


143.5234,
131.9430, 123.5786

 9.1077, 6.7493,
4.8077

178.3691,
165.5639, 156.8198

 4.8691, 3.3058,
2.0781

218.4425,
204.4598, 195.5439

 2.2047, 1.2934,
0.6027

264.1087,

 0.7452, 0.1361,

249.0151, 240.1694

0.0000

315.7333,
299.6142, 291.1149

0.0000, 0.0000,
0.0000

49.1091, 42.5218,
37.0717

49.1091, 42.5218,
37.0717

43.9605, 34.9964,
26.8103

55.2936, 51.5538,
49.4204

39.7881, 28.8900,
18.5185

62.5627, 62.1617,
63.9601

36.5312, 24.1155,
12.0711

70.9661, 74.4177,
80.7907

34.1211, 20.5735,
7.3271

80.5495, 88.3880,
100.0050

32.4793, 18.1509,
4.1256

84.8614, 94.7476,
108.4232

■ 31.5128, 16.7138,
2.2747

■ 31.0870, 16.0787,
1.4650

Harmonies

Analogous

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



49.8435, 42.5218, 49.4265



49.1091, 42.5218, 37.0717



45.9657, 42.5218, 28.8656

Triad

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



49.1091, 42.5218, 37.0717



33.7526, 42.5218, 32.6873



39.3568, 42.5218, 76.2595

Complementary

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



49.1091, 42.5218, 37.0717



53.9557, 65.8134, 81.0939

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.



35.3314, 42.5218, 69.6308



49.1091, 42.5218, 37.0717



32.2587, 42.5218, 43.3063

Square

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



49.1091, 42.5218, 37.0717



37.0503, 42.5218, 26.6897



32.8140, 42.5218, 56.9429



43.9789, 42.5218, 73.7248

Rectangle

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



49.1091, 42.5218, 37.0717



43.0470, 42.5218, 26.0543



32.8140, 42.5218, 56.9429



37.8938, 42.5218, 74.9930

Sweetspot

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



49.1102, 42.5238, 37.0725



84.7775, 85.0188, 88.3232



56.5308, 45.2212, 76.9835



17.8157, 17.7159, 18.2439



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.



49.1102, 42.5238, 37.0725



60.5667, 49.6698, 39.9516



55.5744, 55.4522, 39.2273



13.7232, 13.7323, 14.2341



17.9210, 9.2799, 0.8467



1.2479, 0.6547, 0.0606

Inverse Universe

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



53.9557, 65.8134, 81.0939



68.0009, 85.4075, 107.5090



45.8233, 49.5485, 78.3831



14.0986, 15.5363, 17.6434



22.8497, 33.1690, 46.2463



1.5894, 2.3102, 3.2074

Previews

White Background



This preview shows how the XYZ color 49.1091, 42.5218, 37.0717 looks on a white background.

Color Contrast Check

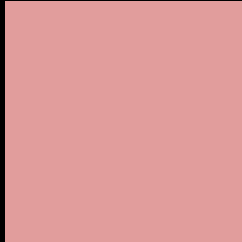
Large Text (above 18pt) WCAG AA × Fail

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 49.1091, 42.5218, 37.0717 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 49.1091, 42.5218, 37.0717

Background



This preview shows how black text looks on a background with the XYZ color 49.1091, 42.5218, 37.0717.



This preview shows how white text looks on a background with the XYZ color 49.1091, 42.5218,

37.0717.

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

49.1091, 42.5218, 37.0717

Protanopia

40.7500, 42.6920, 41.6899

Deuteranopia

43.3886, 42.4805, 36.4846



Tritanopia

50.0604, 42.4015, 42.1050

Trichromacy



Original Color

49.1091, 42.5218, 37.0717

Protanomaly

43.2892, 42.3497, 40.0751

Deuteranomaly

45.2043, 42.3274, 36.7978

Tritanomaly

49.8634, 42.5900, 40.2429

Monochromacy



Original Color

49.1091, 42.5218, 37.0717

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

43.7843, 43.0834, 43.5444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.1091, 42.5218, 37.0717 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(225, 157, 156)` looks like.

```
.text, #text, p{  
    color:rgb(225, 157, 156)  
}
```

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(225, 157, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 157, 156) }
```

Border

The CSS property to change the border of an element to XYZ 49.1091, 42.5218, 37.0717 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(225, 157, 156) }
```


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

```
.border{ border-color:rgb(225, 157, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 157, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 157, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 157, 156);  
box-shadow:4px 4px 4px 4px rgb(225, 157,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 49.1091, 42.5218, 37.0717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 157, 156) }
```

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

```
.background{ background-color: rgb(225,  
157, 156) }
```

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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