

Converting Colors

XYZ(48.5963, 37.8935, 23.6910)

Have a look what the booklet for
XYZ(48.5963, 37.8935, 23.6910)
contains.

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Color

**XYZ(48.5189, 37.8718,
23.8215)**

Conversions

Conversions Part 1

Format	Color
Hex	F0897C
RGB	240, 137, 124
RGB Percent	94%, 54%, 49%
CMY	0.0588, 0.4627, 0.5137
CMYK	0.00, 0.43, 0.48, 0.06
HSL	7°, 79%, 71%
HSV	7°, 48%, 94%
XYZ	48.5189, 37.8718, 23.8215
YIQ	166.3150, 65.5610, 17.7930

Conversions

Conversions Part 2

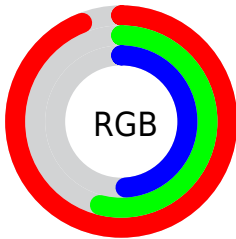
Format	Color
R _Y B	240, 139, 124
Decimal	15763836
CIE Lab	67.93, 37.85, 24.19
CIE LCh	68, 44.920, 32.579
Yxy	37.8718, 0.4402, 0.3436
Android (android.graphics.Color)	4293953916 (0xFFFF0897C)
YUV	166.3150, -20.8613, 64.6217
Hunter-Lab	61.5401, 33.0363, 20.1275

Details

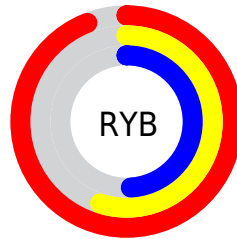
The XYZ color **48.5189, 37.8718, 23.8215** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **51.5078, 65.5112, 92.3680**, and the grayscale version is **36.4745, 38.3740, 41.7893**.

A 20% lighter version of the original color is **68.0254, 62.1336, 50.0026**, and **23.3409, 16.7083, 8.6514** is the 20% darker color. If you saturate the color by 10%, you get **44.4460, 31.8665, 15.8652**, and if you desaturate by 10%, it is **53.5613, 45.2250, 33.9237**.

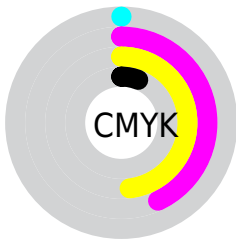
Distribution



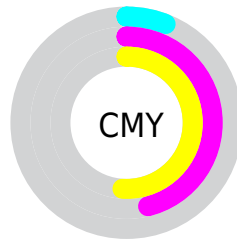
- Red (94%)
- Green (54%)
- Blue (49%)



- Red (94%)
- Yellow (55%)
- Blue (49%)



- Cyan (0%)
- Magenta (43%)
- Yellow (48%)
- Black (6%)





- Cyan (6%)
- Magenta (46%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.5189, 37.8718, 23.8215 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 48.5189, 37.8718, 23.8215 by changing the saturation by 10% instead.


 48.5189, 37.8718,
23.8215

 48.5189, 37.8718,
23.8215


371.3937,
337.0697, 285.1742


 34.4510, 25.8832,
14.9903


 87.1815, 71.9116,
50.6789

 23.4048, 16.7363,
8.6660


 112.5069, 94.7316,
69.5422

 15.0150, 10.0466,
4.4302


 142.3155,
121.9308, 92.5866

 8.9163, 5.4299,
1.8642

176.9726,
153.8937, 120.2307

 4.7433, 2.5016,
0.4698

216.8436,
191.0047, 152.8929

 2.1306, 0.8775,
0.0000

262.2939,

 0.7058, 0.0000,

233.6481, 190.9919

0.0000

313.6888,
282.2083, 234.9462

■ 0.0000, 0.0000,
0.0000

■ 48.5189, 37.8718,
23.8215

■ 48.5189, 37.8718,
23.8215

■ 44.4460, 31.8665,
15.8652

■ 53.5613, 45.2250,
33.9237

■ 41.2770, 27.1217,
9.8972

■ 59.6272, 53.9951,
46.3096

■ 38.9427, 23.5487,
5.7418

■ 66.7702, 64.2533,
61.1081

■ 37.3624, 21.0446,
3.1915

■ 75.0393, 76.0644,
78.4376

■ 36.4330, 19.4860,
1.9558

■ 84.4804, 89.4891,
98.4091

■ 36.3249, 19.3049,
1.8117

■ 89.7451, 97.2652,
108.6517

Harmonies

Analogous

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



51.1221, 37.8718, 39.5322



48.5189, 37.8718, 23.8215



42.5313, 37.8718, 15.6781

Triad

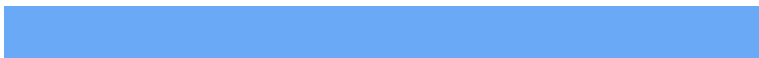
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.5189, 37.8718, 23.8215



25.3571, 37.8718, 25.9581



36.6027, 37.8718, 92.7275

Complementary

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



48.5189, 37.8718, 23.8215



51.5078, 65.5112, 92.3680

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.



30.1670, 37.8718, 85.5801



48.5189, 37.8718, 23.8215



24.1933, 37.8718, 42.9879

Square

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



48.5189, 37.8718, 23.8215



29.2477, 37.8718, 16.6025



25.8377, 37.8718, 65.5634



43.7098, 37.8718, 82.7997

Rectangle

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



48.5189, 37.8718, 23.8215



37.7560, 37.8718, 13.6744



25.8377, 37.8718, 65.5634



34.2916, 37.8718, 92.2429

Sweetspot

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



48.5198, 37.8737, 23.8222



80.5344, 79.3275, 78.2922



57.2020, 38.5644, 78.1189



16.8090, 16.3665, 15.8611



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.



48.5198, 37.8737, 23.8222



51.0670, 36.6595, 18.3220



58.7761, 58.3863, 27.2410



15.9155, 16.0441, 16.4077



19.9321, 10.6622, 1.0075



1.7048, 0.9802, 0.0993

Inverse Universe

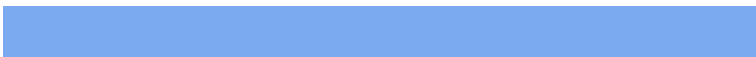
The Inverse Universe completely reimagines the original color for something new.



51.5078, 65.5112, 92.3680



54.8216, 71.7444, 105.5664



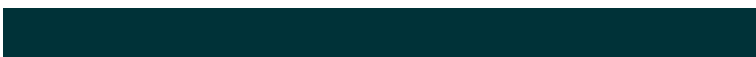
38.4904, 39.4762, 88.0288



16.0872, 17.6085, 20.2725



21.7096, 29.6435, 49.7054



1.8488, 2.5515, 4.1493

Previews

White Background



This preview shows how the XYZ color 48.5189, 37.8718, 23.8215 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 48.5189, 37.8718, 23.8215 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 48.5189, 37.8718, 23.8215

Background



This preview shows how black text looks on a background with the XYZ color 48.5189, 37.8718, 23.8215.



This preview shows how white text looks on a background with the XYZ color 48.5189, 37.8718,

23.8215.

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

48.5189, 37.8718, 23.8215

Protanopia

35.8308, 38.1925, 29.1503

Deuteranopia

38.8143, 38.0227, 23.0627



Tritanopia

50.1771, 37.9411, 31.0643

Trichromacy



Original Color

48.5189, 37.8718, 23.8215

Protanomaly

39.4394, 37.2507, 26.9412

Deuteranomaly

41.9584, 37.6598, 23.1468

Tritanomaly

49.4550, 37.8349, 28.3632

Monochromacy



Original Color

48.5189, 37.8718, 23.8215

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

39.2996, 37.0145, 34.3514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.5189, 37.8718, 23.8215 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(240, 137, 124)` looks like.

```
.text, #text, p{  
    color:rgb(240, 137, 124)  
}
```

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(240, 137, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 137, 124) }
```

Border

The CSS property to change the border of an element to XYZ 48.5189, 37.8718, 23.8215 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(240, 137, 124) }
```


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

```
.border{ border-color:rgb(240, 137, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 137, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 137, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 137, 124);  
box-shadow:4px 4px 4px 4px rgb(240, 137,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 48.5189, 37.8718, 23.8215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 137, 124) }
```

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

```
.background{ background-color: rgb(240,  
137, 124) }
```

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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