

Converting Colors

XYZ(48.7301, 41.2407, 27.7278)

Have a look what the booklet for
XYZ(48.7301, 41.2407, 27.7278)
contains.

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Color

**XYZ(48.7406, 41.3057,
27.5942)**

Conversions

Conversions Part 1

Format	Color
Hex	E89885
RGB	232, 152, 133
RGB Percent	91%, 60%, 52%
CMY	0.0902, 0.4039, 0.4784
CMYK	0.00, 0.34, 0.43, 0.09
HSL	12°, 68%, 72%
HSV	12°, 43%, 91%
XYZ	48.7406, 41.3057, 27.5942
YIQ	173.7540, 53.7790, 11.0510

Conversions

Conversions Part 2

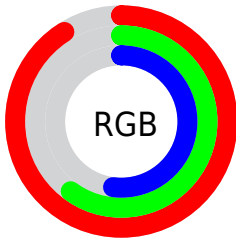
Format	Color
R_{YB}	232, 157, 133
Decimal	15243397
CIE _{Lab}	70.39, 27.84, 22.38
CIE _{LCh}	70, 35.722, 38.797
Yxy	41.3057, 0.4143, 0.3511
Android (android.graphics.Color)	4293433477 (0xFFE89885)
YUV	173.7540, -20.0917, 51.0817
Hunter-Lab	64.2695, 22.8989, 19.5324

Details

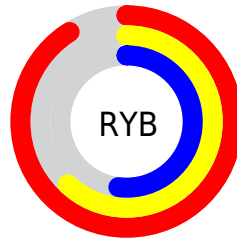
The XYZ color **48.7406, 41.3057, 27.5942** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **48.0316, 58.3989, 85.0845**, and the grayscale version is **40.1873, 42.2802, 46.0431**.

A 20% lighter version of the original color is **72.4157, 69.4308, 56.0391**, and **23.5741, 18.7375, 10.5578** is the 20% darker color. If you saturate the color by 10%, you get **44.5055, 35.1235, 19.1290**, and if you desaturate by 10%, it is **53.8127, 48.5953, 38.0855**.

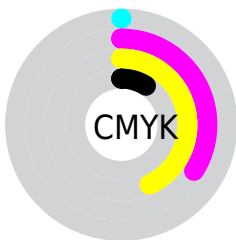
Distribution



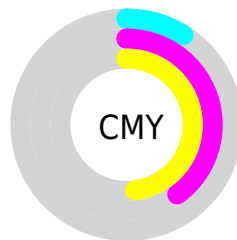
- Red (91%)
- Green (60%)
- Blue (52%)



- Red (91%)
- Yellow (62%)
- Blue (52%)



- Cyan (0%)
- Magenta (34%)
- Yellow (43%)
- Black (9%)





- Cyan (9%)
- Magenta (40%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.7406, 41.3057, 27.5942 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 48.7406, 41.3057, 27.5942 by changing the saturation by 10% instead.

 48.7406, 41.3057,
27.5942


 48.7406, 41.3057,
27.5942


372.2541,
351.5967, 304.3734


 34.6274, 28.5580,
17.7836


 87.5091, 77.1477,
56.8512

 23.5412, 18.7467,
10.6269


 112.8952,
101.0109, 77.1347

 15.1165, 11.4874,
5.7056


 142.7696,
129.3480, 101.7462

 8.9881, 6.3957,
2.6010

177.4977,
162.5435, 131.1043

 4.7904, 3.0871,
0.8930

217.4448,
200.9817, 165.6275

 2.1583, 1.1774,
0.0000

262.9764,

 0.7206, 0.0431,

245.0470, 205.7345

0.0000

314.4577,
295.1239, 251.8436

0.0000, 0.0000,
0.0000

48.7406, 41.3057,
27.5942

48.7406, 41.3057,
27.5942

44.5055, 35.1235,
19.1290

53.8127, 48.5953,
38.0855

41.0581, 29.9882,
12.5560

59.7611, 57.0368,
50.7204

38.3488, 25.8425,
7.7285

66.6264, 66.6799,
65.6100

36.3205, 22.6211,
4.4775

74.4456, 77.5693,
82.8573

34.9068, 20.2501,
2.5992

83.2538, 89.7474,
102.5586

■ 34.1995, 18.9974,
1.8644

■ 87.0887, 95.8958,
108.5274

Harmonies

Analogous

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



51.5177, 41.3057, 40.2056



48.7406, 41.3057, 27.5942



43.4898, 41.3057, 21.0493

Triad

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



48.7406, 41.3057, 27.5942



29.6400, 41.3057, 34.2572



41.0132, 41.3057, 85.1309

Complementary

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



48.7406, 41.3057, 27.5942



48.0316, 58.3989, 85.0845

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.



35.3135, 41.3057, 82.3913



48.7406, 41.3057, 27.5942



29.1191, 41.3057, 50.1072

Square

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



48.7406, 41.3057, 27.5942



32.5975, 41.3057, 24.1755



31.0958, 41.3057, 68.4488



46.7732, 41.3057, 75.2022

Rectangle

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



48.7406, 41.3057, 27.5942



39.4976, 41.3057, 19.7604



31.0958, 41.3057, 68.4488



39.0230, 41.3057, 85.7037

Sweetspot

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



48.7416, 41.3077, 27.5950



82.2070, 82.1304, 80.5219



53.7849, 38.7786, 68.1683



17.1724, 16.9866, 16.3112



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.



48.7416, 41.3077, 27.5950



55.8314, 44.5252, 25.0369



58.3177, 60.4598, 30.7870



14.5998, 14.8135, 14.9942



19.0547, 10.6836, 1.0578



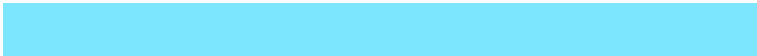
1.4715, 0.9163, 0.0993

Inverse Universe

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



48.0316, 58.3989, 85.0845



54.8065, 68.1889, 104.8809



37.5769, 37.4895, 81.5996



14.5600, 15.8414, 18.4346



18.0948, 23.2518, 45.9175



1.3977, 1.8394, 3.4133

Previews

White Background



This preview shows how the XYZ color 48.7406, 41.3057, 27.5942 looks on a white background.

Color Contrast Check

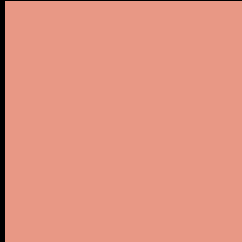
Large Text (above 18pt) WCAG AA × Fail

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 48.7406, 41.3057, 27.5942 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 48.7406, 41.3057, 27.5942

Background



This preview shows how black text looks on a background with the XYZ color 48.7406, 41.3057, 27.5942.



This preview shows how white text looks on a background with the XYZ color 48.7406, 41.3057,

27.5942.

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

48.7406, 41.3057, 27.5942

Protanopia

38.9264, 41.4031, 31.5311

Deuteranopia

42.1130, 41.2185, 26.8555



Tritanopia

50.7796, 41.1754, 38.0722

Trichromacy



Original Color

48.7406, 41.3057, 27.5942

Protanomaly

41.9348, 41.0537, 30.1401

Deuteranomaly

44.3991, 41.0764, 27.0612

Tritanomaly

49.8567, 41.0205, 34.1442

Monochromacy



Original Color

48.7406, 41.3057, 27.5942

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

42.3999, 41.3777, 38.5529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7406, 41.3057, 27.5942 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(232, 152, 133)` looks like.

```
.text, #text, p{  
    color:rgb(232, 152, 133)  
}
```

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(232, 152, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 152, 133) }
```

Border

The CSS property to change the border of an element to XYZ 48.7406, 41.3057, 27.5942 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(232, 152, 133) }
```


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

```
.border{ border-color:rgb(232, 152, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 152, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 152, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 152, 133);  
box-shadow:4px 4px 4px 4px rgb(232, 152,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7406, 41.3057, 27.5942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 152, 133) }
```

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

```
.background{ background-color: rgb(232,  
152, 133) }
```

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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