

Converting Colors

XYZ(47.1400, 40.2290, 17.3378)

Have a look what the booklet for
XYZ(47.1400, 40.2290, 17.3378)
contains.

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Color

**XYZ(47.1383, 40.2252,
17.3364)**

Conversions

Conversions Part 1

Format	Color
Hex	EA9664
RGB	234, 150, 100
RGB Percent	92%, 59%, 39%
CMY	0.0824, 0.4117, 0.6078
CMYK	0.00, 0.36, 0.57, 0.08
HSL	22°, 76%, 65%
HSV	22°, 57%, 92%
XYZ	47.1383, 40.2252, 17.3364
YIQ	169.4160, 66.1140, 2.2580

Conversions

Conversions Part 2

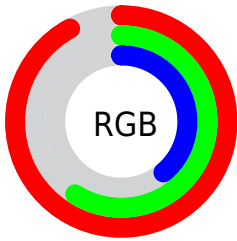
Format	Color
R_{YB}	234, 180, 100
Decimal	15373924
CIE _{Lab}	69.63, 26.68, 39.24
CIE _{LCh}	70, 47.450, 55.784
Yxy	40.2252, 0.4502, 0.3842
Android (android.graphics.Color)	4293564004 (0xFFEA9664)
YUV	169.4160, -34.2221, 56.6402
Hunter-Lab	63.4233, 21.6762, 28.1898

Details

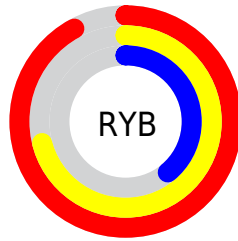
The XYZ color **47.1383, 40.2252, 17.3364** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **37.2464, 42.9288, 84.1646**, and the grayscale version is **38.0606, 40.0427, 43.6065**.

A 20% lighter version of the original color is **68.7388, 67.1896, 39.0517**, and **22.4431, 17.9820, 5.5368** is the 20% darker color. If you saturate the color by 10%, you get **43.9684, 35.4452, 11.4719**, and if you desaturate by 10%, it is **50.9283, 45.7253, 25.0127**.

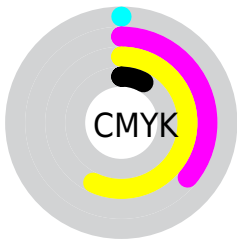
Distribution



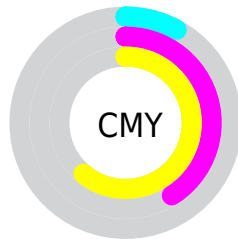
- Red (92%)
- Green (59%)
- Blue (39%)



- Red (92%)
- Yellow (71%)
- Blue (39%)



- Cyan (0%)
- Magenta (36%)
- Yellow (57%)
- Black (8%)



- Cyan (8%)
- Magenta (41%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.1383, 40.2252, 17.3364 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 47.1383, 40.2252, 17.3364 by changing the saturation by 10% instead.

47.1383, 40.2252,
17.3364

47.1383, 40.2252,
17.3364

366.0060,
347.0718, 249.2128

33.3534, 27.7142,
10.3101

85.1375, 75.5063,
39.7018

22.5578, 18.1103,
5.4968

110.0825, 99.0452,
55.8780

14.3863, 11.0292,
2.4778

139.4783,
127.0288, 75.9413

8.4733, 6.0865,
0.8284

173.6902,
159.8416, 100.3103

4.4536, 2.8977,
0.0000

213.0836,
197.8679, 129.4033

1.9618, 1.0786,
0.0000

258.0237,

0.6124, 0.0000,

241.4921, 163.6391

0.0000

308.8761,
291.0986, 203.4361

■ 0.0000, 0.0000,
0.0000

■ 47.1383, 40.2252,
17.3364

■ 47.1383, 40.2252,
17.3364

■ 43.9684, 35.4452,
11.4719

■ 50.9283, 45.7253,
25.0127

■ 41.3763, 31.3462,
7.2622

■ 55.3711, 51.9701,
34.6351

■ 39.3178, 27.8939,
4.5268

■ 60.5002, 58.9901,
46.3278

■ 37.7365, 25.0461,
3.0293

■ 66.3458, 66.8122,
60.2039

■ 37.3659, 24.3611,
2.7328

■ 72.9360, 75.4620,
76.3682

■ 80.2976, 84.9639,
94.9187

■ 87.0059, 94.7611,
108.3128

■ 87.7416, 96.2324,
108.5580

Harmonies

Analogous

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



53.1065, 40.2252, 27.8778



47.1383, 40.2252, 17.3364



39.3272, 40.2252, 13.7398

Triad

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



47.1383, 40.2252, 17.3364



25.3322, 40.2252, 40.7664



45.0121, 40.2252, 93.8898

Complementary

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



47.1383, 40.2252, 17.3364



37.2464, 42.9288, 84.1646

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.



37.1589, 40.2252, 100.8551



47.1383, 40.2252, 17.3364



26.4331, 40.2252, 64.8549

Square

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



47.1383, 40.2252, 17.3364



27.2899, 40.2252, 24.0849



30.5262, 40.2252, 88.8219



51.7683, 40.2252, 72.0951

Rectangle

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



47.1383, 40.2252, 17.3364



34.3606, 40.2252, 14.4335



30.5262, 40.2252, 88.8219



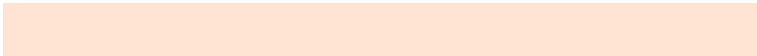
42.3856, 40.2252, 98.2997

Sweetspot

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



47.1393, 40.2272, 17.3372



80.7754, 81.3876, 73.5082



47.2318, 30.1042, 49.1467



16.9662, 16.9916, 14.9559



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.



47.1393, 40.2272, 17.3372



52.7343, 41.9876, 12.7317



60.8219, 67.5925, 21.8980



15.5260, 15.9749, 15.7839



21.1086, 13.9114, 1.5726



1.7471, 1.2716, 0.1534

Inverse Universe

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



37.2464, 42.9288, 84.1646



39.5494, 45.4260, 101.2914



26.5699, 21.5757, 80.6058



15.0179, 16.1223, 19.2426



14.3052, 15.2574, 45.9340



1.2150, 1.3816, 3.6375

Previews

White Background



This preview shows how the XYZ color 47.1383, 40.2252, 17.3364 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 47.1383, 40.2252, 17.3364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

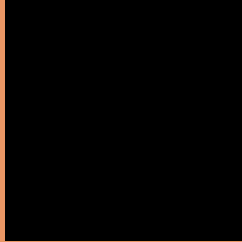
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.1383, 40.2252, 17.3364

Background



This preview shows how black text looks on a background with the XYZ color 47.1383, 40.2252, 17.3364.



This preview shows how white text looks on a background with the XYZ color 47.1383, 40.2252,

17.3364.

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

47.1383, 40.2252, 17.3364

Protanopia

37.5194, 40.6476, 20.0557

Deuteranopia

41.2673, 40.4673, 16.9452



Tritanopia

50.9151, 40.1552, 35.6391

Trichromacy



Original Color

47.1383, 40.2252, 17.3364

Protanomaly

40.2756, 39.9108, 18.9454

Deuteranomaly

43.0467, 40.0873, 17.0241

Tritanomaly

49.5070, 40.2835, 27.7204

Monochromacy



Original Color

47.1383, 40.2252, 17.3364

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

39.9467, 39.1917, 31.8449

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.1383, 40.2252, 17.3364 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(234, 150, 100)` looks like.

```
.text, #text, p{  
    color:rgb(234, 150, 100)  
}
```

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(234, 150, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 150, 100) }
```

Border

The CSS property to change the border of an element to XYZ 47.1383, 40.2252, 17.3364 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(234, 150, 100) }
```


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

```
.border{ border-color:rgb(234, 150, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 150, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 150, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 150, 100);  
box-shadow:4px 4px 4px 4px rgb(234, 150,  
100) }
```

Background

The CSS property to change the background color of an element to XYZ 47.1383, 40.2252, 17.3364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 150, 100) }
```

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

```
.background{ background-color: rgb(234,  
150, 100) }
```

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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