

Converting Colors

XYZ(47.7205, 34.6184, 15.1742)

Have a look what the booklet for
XYZ(47.7205, 34.6184, 15.1742)
contains.

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Color

**XYZ(47.7823, 34.7201,
15.2496)**

Conversions

Conversions Part 1

Format	Color
Hex	F87A60
RGB	248, 122, 96
RGB Percent	97%, 48%, 38%
CMY	0.0275, 0.5215, 0.6235
CMYK	0.00, 0.51, 0.61, 0.03
HSL	10°, 92%, 67%
HSV	10°, 61%, 97%
XYZ	47.7823, 34.7201, 15.2496
YIQ	156.7100, 83.4420, 18.6260

Conversions

Conversions Part 2

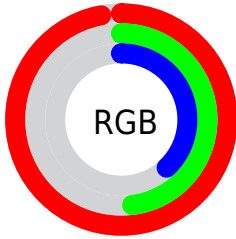
Format	Color
R_{YB}	248, 127, 96
Decimal	16284256
CIE _{Lab}	65.53, 46.15, 36.71
CIE _{LCh}	66, 58.964, 38.500
Yxy	34.7201, 0.4888, 0.3552
Android (android.graphics.Color)	4294474336 (0xFFFF87A60)
YUV	156.7100, -29.9300, 80.0613
Hunter-Lab	58.9238, 41.6322, 25.9023

Details

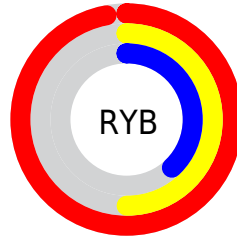
The XYZ color **47.7823, 34.7201, 15.2496** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **47.8866, 61.5028, 98.1539**, and the grayscale version is **32.0226, 33.6902, 36.6887**.

A 20% lighter version of the original color is **62.2286, 54.8109, 34.9035**, and **22.9322, 14.9171, 4.5764** is the 20% darker color. If you saturate the color by 10%, you get **44.5527, 29.8091, 9.4007**, and if you desaturate by 10%, it is **51.9075, 40.8465, 23.1737**.

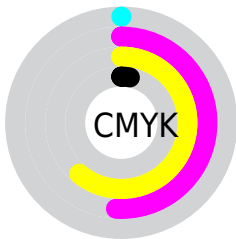
Distribution



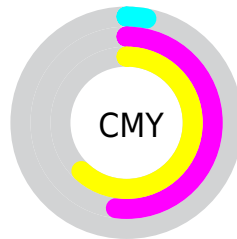
- Red (97%)
- Green (48%)
- Blue (38%)



- Red (97%)
- Yellow (50%)
- Blue (38%)



- Cyan (0%)
- Magenta (51%)
- Yellow (61%)
- Black (3%)





- Cyan (3%)
- Magenta (52%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.7823, 34.7201, 15.2496 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 47.7823, 34.7201, 15.2496 by changing the saturation by 10% instead.


 47.7823, 34.7201,
15.2496


 47.7823, 34.7201,
15.2496


368.5255,
323.3311, 236.5646

 33.8651, 23.4473,
8.8462


 86.0918, 67.0519,
36.0389

 22.9523, 14.9242,
4.5455


 111.2148, 88.8798,
51.2619

 14.6788, 8.7662,
1.9292


 140.8038,
114.9948, 70.2619

 8.6791, 4.5890,
0.5112

 175.2241,
145.7814, 93.4573

 4.5879, 2.0082,
0.0000

214.8411,
181.6239, 121.2668

 2.0398, 0.6122,
0.0000

260.0200,

 0.6562, 0.0000,

222.9068, 154.1088

0.0000

311.1264,
270.0144, 192.4019

■ 0.0000, 0.0000,
0.0000

■ 47.7823, 34.7201,
15.2496

■ 47.7823, 34.7201,
15.2496

■ 44.5527, 29.8091,
9.4007

■ 51.9075, 40.8465,
23.1737

■ 42.1469, 26.0260,
5.4286

■ 56.9873, 48.2568,
33.3427

■ 40.4858, 23.2800,
3.0987

■ 63.0786, 57.0213,
45.9111

■ 39.5546, 21.6431,
2.0928

■ 70.2330, 67.2031,
61.0189

■ 78.4985, 78.8615,
78.7954

87.9201, 92.0525,
99.3610

92.5212, 98.6964,
108.7817

Harmonies

Analogous

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



52.3062, 34.7201, 31.1998



47.7823, 34.7201, 15.2496



39.4706, 34.7201, 8.5691

Triad

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



47.7823, 34.7201, 15.2496



19.8324, 34.7201, 22.9116



35.5170, 34.7201, 107.0736

Complementary

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



47.7823, 34.7201, 15.2496



47.8866, 61.5028, 98.1539

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.



27.2790, 34.7201, 101.5891



47.7823, 34.7201, 15.2496



19.1472, 34.7201, 45.2806

Square

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



47.7823, 34.7201, 15.2496



23.7023, 34.7201, 11.4579



21.6327, 34.7201, 75.8251



44.4587, 34.7201, 88.5954

Rectangle

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



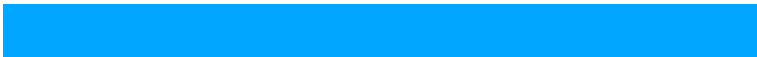
47.7823, 34.7201, 15.2496



33.4373, 34.7201, 7.4019



21.6327, 34.7201, 75.8251



32.5674, 34.7201, 108.0901

Sweetspot

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



47.7831, 34.7220, 15.2502



77.5619, 75.4701, 70.8658



56.1686, 33.6321, 73.1077



16.0762, 15.4109, 14.0448



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.



47.7831, 34.7220, 15.2502



46.6550, 30.5024, 8.6293



60.8646, 60.8850, 19.6107



17.4846, 17.7050, 17.9583



21.4362, 11.8290, 1.1534



2.0505, 1.2258, 0.1285

Inverse Universe

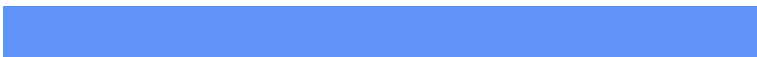
The Inverse Universe completely reimagines the original color for something new.



47.8866, 61.5028, 98.1539



46.6283, 61.0111, 103.9265



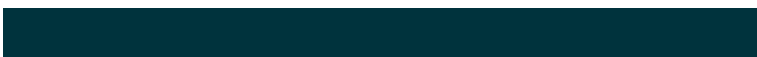
32.1493, 30.0283, 92.9081



17.4983, 19.0734, 22.1446



21.1108, 27.5771, 52.1838



2.0197, 2.6831, 4.8546

Previews

White Background



This preview shows how the XYZ color 47.7823, 34.7201, 15.2496 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 47.7823, 34.7201, 15.2496 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 47.7823, 34.7201, 15.2496

Background



This preview shows how black text looks on a background with the XYZ color 47.7823, 34.7201, 15.2496.



This preview shows how white text looks on a background with the XYZ color 47.7823, 34.7201,

15.2496.

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

47.7823, 34.7201, 15.2496

Protanopia

32.2806, 34.7146, 20.0381

Deuteranopia

35.5794, 34.7968, 14.5141



Tritanopia

49.6687, 34.7872, 23.8354

Trichromacy



Original Color

47.7823, 34.7201, 15.2496

Protanomaly

36.6998, 33.8777, 18.2404

Deuteranomaly

39.1882, 34.1186, 14.6453

Tritanomaly

48.7583, 34.5712, 20.3227

Monochromacy



Original Color

47.7823, 34.7201, 15.2496

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

35.5816, 32.6429, 27.3470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.7823, 34.7201, 15.2496 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(248, 122, 96)` looks like.

```
.text, #text, p{  
    color:rgb(248, 122, 96)  
}
```

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(248, 122, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 122, 96) }
```

Border

The CSS property to change the border of an element to XYZ 47.7823, 34.7201, 15.2496 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(248, 122, 96) }
```


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

```
.border{ border-color:rgb(248, 122, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 122, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 122, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 122, 96);  
box-shadow:4px 4px 4px 4px rgb(248, 122,  
96) }
```

Background

The CSS property to change the background color of an element to XYZ 47.7823, 34.7201, 15.2496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 122, 96) }
```

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

```
.background{ background-color: rgb(248,  
122, 96) }
```

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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