

Converting Colors

XYZ(43.2081, 32.0470, 17.3209)

Have a look what the booklet for
XYZ(43.2081, 32.0470, 17.3209)
contains.

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Color

**XYZ(43.3189, 32.1871,
17.2942)**

Conversions

Conversions Part 1

Format	Color
Hex	EA7969
RGB	234, 121, 105
RGB Percent	92%, 47%, 41%
CMY	0.0824, 0.5255, 0.5882
CMYK	0.00, 0.48, 0.55, 0.08
HSL	7°, 75%, 66%
HSV	7°, 55%, 92%
XYZ	43.3189, 32.1871, 17.2942
YIQ	152.9630, 72.4840, 18.9800

Conversions

Conversions Part 2

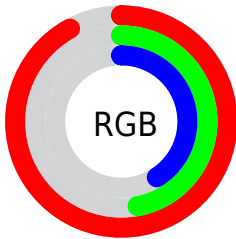
Format	Color
RYB	234, 123, 105
Decimal	15366505
CIELab	63.50, 42.12, 28.75
CIELCh	63, 51.000, 34.316
Yxy	32.1871, 0.4668, 0.3468
Android (android.graphics.Color)	4293556585 (0xFFEA7969)
YUV	152.9630, -23.6458, 71.0694
Hunter-Lab	56.7337, 37.0094, 21.6401

Details

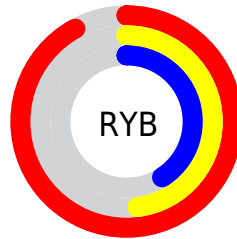
The XYZ color **43.3189, 32.1871, 17.2942** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **45.7469, 59.0834, 86.8348**, and the grayscale version is **30.3407, 31.9207, 34.7617**.

A 20% lighter version of the original color is **62.5707, 54.3202, 38.6395**, and **20.3474, 13.5604, 5.5480** is the 20% darker color. If you saturate the color by 10%, you get **40.0457, 27.3081, 11.0637**, and if you desaturate by 10%, it is **47.4536, 38.2601, 25.4446**.

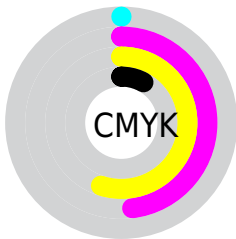
Distribution



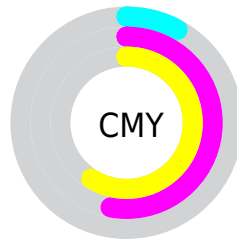
- Red (92%)
- Green (47%)
- Blue (41%)



- Red (92%)
- Yellow (48%)
- Blue (41%)



- Cyan (0%)
- Magenta (48%)
- Yellow (55%)
- Black (8%)





- Cyan (8%)
- Magenta (53%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3189, 32.1871, 17.2942 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 43.3189, 32.1871, 17.2942 by changing the saturation by 10% instead.


 43.3189, 32.1871,
17.2942


 43.3189, 32.1871,
17.2942


350.8209,
311.9707, 248.9632


 30.3310, 21.5044,
10.2803


 79.4446, 63.1043,
39.6285


 20.2393, 13.4932,
5.4772


 103.3131, 84.1076,
55.7859

 12.6784, 7.7691,
2.4663


 131.5392,
109.3200, 75.8283

 7.2829, 3.9475,
0.8222

 164.4882,
139.1257, 100.1742

 3.6876, 1.6443,
0.0000

202.5256,
173.9093, 129.2421

 1.5269, 0.3872,
0.0000

246.0166,

 0.3441, 0.0000,

214.0550, 163.4505

0.0000

295.3266,
259.9473, 203.2180

■ 0.0000, 0.0000,
0.0000

■ 43.3189, 32.1871,
17.2942

■ 43.3189, 32.1871,
17.2942

■ 40.0457, 27.3081,
11.0637

■ 47.4536, 38.2601,
25.4446

■ 37.5701, 23.5393,
6.5933

■ 52.5032, 45.5936,
35.6537

■ 35.8227, 20.7939,
3.7002

■ 58.5191, 54.2551,
48.0491

■ 34.7205, 18.9699,
2.1605

■ 65.5485, 64.3061,
62.7478

■ 34.3718, 18.3728,
1.7347

■ 73.6353, 75.8038,
79.8586

■ 82.8209, 88.8026,
99.4830

■ 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.



46.3357, 32.1871, 32.1835



43.3189, 32.1871, 17.2942



36.9032, 32.1871, 10.2911

Triad

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



43.3189, 32.1871, 17.2942



19.8599, 32.1871, 20.6784



31.6326, 32.1871, 90.3208

Complementary

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



43.3189, 32.1871, 17.2942



45.7469, 59.0834, 86.8348

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.



25.0463, 32.1871, 83.4462



43.3189, 32.1871, 17.2942



18.8932, 32.1871, 38.0740

Square

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



43.3189, 32.1871, 17.2942



23.5200, 32.1871, 11.6475



20.6407, 32.1871, 62.0514



38.9581, 32.1871, 78.3052

Rectangle

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



43.3189, 32.1871, 17.2942



31.9657, 32.1871, 8.7523



20.6407, 32.1871, 62.0514



29.2599, 32.1871, 90.1680

Sweetspot

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



43.3197, 32.1888, 17.2948



77.8998, 75.6364, 72.5496



51.7629, 32.7076, 70.5682



16.2936, 15.6464, 14.7317



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.



43.3197, 32.1888, 17.2948



48.2667, 32.5805, 12.6974



53.7365, 53.0224, 20.7670



15.2161, 15.3551, 15.6806



19.3636, 10.4215, 0.9910



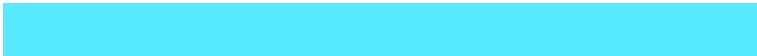
1.5694, 0.9161, 0.0941

Inverse Universe

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



45.7469, 59.0834, 86.8348



51.4088, 68.1444, 105.0514



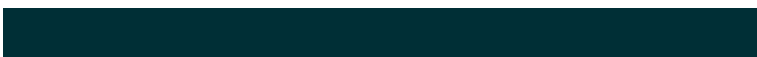
32.3072, 32.2041, 82.3549



15.3489, 16.7843, 19.3530



20.6726, 27.9922, 48.0564



1.6681, 2.2876, 3.7885

Previews

White Background



This preview shows how the XYZ color 43.3189, 32.1871, 17.2942 looks on a white background.

Color Contrast Check

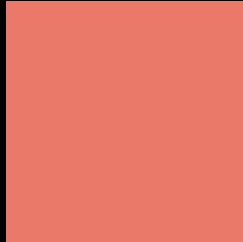
Large Text (above 18pt) WCAG AA × Fail

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 43.3189, 32.1871, 17.2942 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 43.3189, 32.1871, 17.2942

Background



This preview shows how black text looks on a background with the XYZ color 43.3189, 32.1871, 17.2942.



This preview shows how white text looks on a background with the XYZ color 43.3189, 32.1871,

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

43.3189, 32.1871, 17.2942

Protanopia

30.4024, 32.4424, 22.1124

Deuteranopia

32.7416, 32.1018, 16.5272



Tritanopia

44.5053, 32.1254, 23.5938

Trichromacy



Original Color

43.3189, 32.1871, 17.2942

Protanomaly

33.9455, 31.5081, 20.2121

Deuteranomaly

36.1154, 31.8328, 16.8112

Tritanomaly

44.1278, 32.1638, 21.0220

Monochromacy



Original Color

43.3189, 32.1871, 17.2942

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

33.2602, 30.7724, 27.4792

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3189, 32.1871, 17.2942 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, 121, 105)` looks like.

```
.text, #text, p{  
    color:rgb(234, 121, 105)  
}
```

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, 121, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 121, 105) }
```

Border

The CSS property to change the border of an element to XYZ 43.3189, 32.1871, 17.2942 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, 121, 105) }
```


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

```
.border{ border-color:rgb(234, 121, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 121, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 121, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 121, 105); box-shadow:4px 4px 4px 4px rgb(234, 121, 105) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3189, 32.1871, 17.2942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 121, 105) }
```

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

```
.background{ background-color: rgb(234,  
121, 105) }
```

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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