

Converting Colors

XYZ(55.0134, 46.6363, 32.5752)

Have a look what the booklet for
XYZ(55.0134, 46.6363, 32.5752)
contains.

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Color

**XYZ(55.0871, 46.7365,
32.5032)**

Conversions

Conversions Part 1

Format	Color
Hex	F4A190
RGB	244, 161, 144
RGB Percent	96%, 63%, 56%
CMY	0.0431, 0.3686, 0.4353
CMYK	0.00, 0.34, 0.41, 0.04
HSL	10°, 82%, 76%
HSV	10°, 41%, 96%
XYZ	55.0871, 46.7365, 32.5032
YIQ	183.8790, 54.9250, 12.3090

Conversions

Conversions Part 2

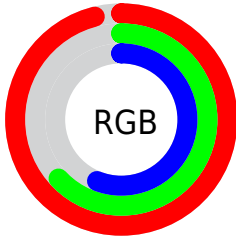
Format	Color
RYB	244, 164, 144
Decimal	16032144
CIELab	74.02, 28.86, 21.54
CIELCh	74, 36.010, 36.745
Yxy	46.7365, 0.4101, 0.3479
Android (android.graphics.Color)	4294222224 (0xFFFF4A190)
YUV	183.8790, -19.6603, 52.7261
Hunter-Lab	68.3641, 24.1963, 19.6659

Details

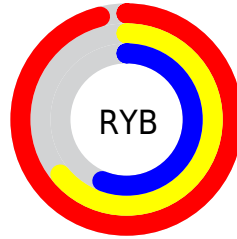
The XYZ color **55.0871, 46.7365, 32.5032** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **55.2984, 67.3960, 95.6819**, and the grayscale version is **45.5782, 47.9518, 52.2195**.

A 20% lighter version of the original color is **75.9889, 74.4490, 63.7911**, and **27.4966, 22.0597, 13.3984** is the 20% darker color. If you saturate the color by 10%, you get **50.1631, 39.5574, 22.6342**, and if you desaturate by 10%, it is **60.9897, 55.2277, 44.6876**.

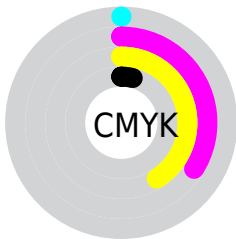
Distribution



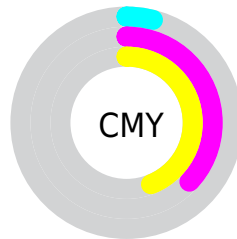
- Red (96%)
- Green (63%)
- Blue (56%)



- Red (96%)
- Yellow (64%)
- Blue (56%)



- Cyan (0%)
- Magenta (34%)
- Yellow (41%)
- Black (4%)





- Cyan (4%)
- Magenta (37%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.0871, 46.7365, 32.5032 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 55.0871, 46.7365, 32.5032 by changing the saturation by 10% instead.


 55.0871, 46.7365,
32.5032

 55.0871, 46.7365,
32.5032


396.3731,
373.7618, 327.9682

 39.7056, 32.8274,
21.4781

 96.8161, 85.3202,
64.7062

 27.4923, 21.9943,
13.2793


 123.8944,
110.7635, 86.7212

 18.0818, 13.8527,
7.4882


155.6022,
140.8204, 113.2365

 11.1087, 8.0183,
3.6862

192.3050,
175.8752, 144.6709

 6.2079, 4.1066,
1.4548

234.3681,
216.3124, 181.4426

 3.0137, 1.7334,
0.1839

282.1570,

 1.1610, 0.4451,

262.5163, 223.9704

0.0000

336.0368,
314.8713, 272.6728

■ 0.0753, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.0871, 46.7365,
32.5032

■ 55.0871, 46.7365,
32.5032

■ 50.1631, 39.5574,
22.6342

■ 60.9897, 55.2277,
44.6876

■ 46.1603, 33.6178,
14.9305

■ 67.9168, 65.0849,
59.3190

■ 43.0207, 28.8488,
9.2288

■ 75.9159, 76.3676,
76.5222

■ 40.6782, 25.1714,
5.3411

■ 85.0301, 89.1295,
96.4128

■ 39.0559, 22.4970,
3.0430

■ 91.1181, 97.9730,
108.7160

■ 38.1182, 20.8533,
2.0160

Harmonies

Analogous

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



57.8703, 46.7365, 46.8404



55.0871, 46.7365, 32.5032



49.4858, 46.7365, 24.7898

Triad

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



55.0871, 46.7365, 32.5032



34.0002, 46.7365, 38.1454



45.8901, 46.7365, 94.7896

Complementary

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



55.0871, 46.7365, 32.5032



55.2984, 67.3960, 95.6819

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.



39.7153, 46.7365, 90.8599



55.0871, 46.7365, 32.5032



33.2368, 46.7365, 55.1625

Square

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



55.0871, 46.7365, 32.5032



37.4259, 46.7365, 27.4556



35.2301, 46.7365, 75.1554



52.2390, 46.7365, 84.8738

Rectangle

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



55.0871, 46.7365, 32.5032



45.1276, 46.7365, 23.0843



35.2301, 46.7365, 75.1554



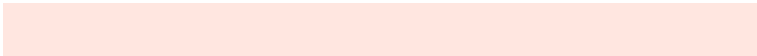
43.7231, 46.7365, 95.0745

Sweetspot

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



55.0883, 46.7388, 32.5041



82.9355, 83.0369, 82.4623



61.1927, 44.7444, 78.3258



17.4926, 17.4089, 17.0904



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.



55.0883, 46.7388, 32.5041



56.3874, 45.1025, 26.8704



65.5538, 67.6699, 35.9926



16.7268, 16.9378, 17.1853



20.7935, 11.4725, 1.1185



1.8912, 1.1357, 0.1195

Inverse Universe

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



55.2984, 67.3960, 95.6819



56.6157, 70.6739, 105.2652



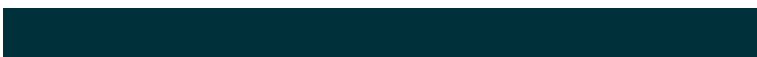
43.6191, 44.0375, 91.7888



16.7429, 18.2500, 21.1827



20.5162, 26.8261, 50.6347



1.8652, 2.4818, 4.4710

Previews

White Background



This preview shows how the XYZ color 55.0871, 46.7365, 32.5032 looks on a white background.

Color Contrast Check

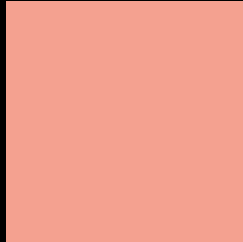
Large Text (above 18pt) WCAG AA × Fail

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 55.0871, 46.7365, 32.5032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

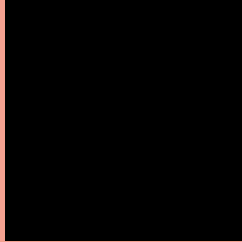
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.0871, 46.7365, 32.5032

Background



This preview shows how black text looks on a background with the XYZ color 55.0871, 46.7365, 32.5032.



This preview shows how white text looks on a background with the XYZ color 55.0871, 46.7365,

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

55.0871, 46.7365, 32.5032

Protanopia

44.2989, 46.9955, 37.3081

Deuteranopia

47.8692, 46.8792, 31.7249



Tritanopia

57.2244, 46.5713, 43.5092

Trichromacy



Original Color

55.0871, 46.7365, 32.5032

Protanomaly

47.5050, 46.3230, 35.2916

Deuteranomaly

50.3085, 46.7100, 31.9556

Tritanomaly

56.2282, 46.4043, 39.2511

Monochromacy



Original Color

55.0871, 46.7365, 32.5032

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

48.1404, 47.0371, 44.0779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.0871, 46.7365, 32.5032 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(244, 161, 144)` looks like.

```
.text, #text, p{  
    color:rgb(244, 161, 144)  
}
```

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(244, 161, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 161, 144) }
```

Border

The CSS property to change the border of an element to XYZ 55.0871, 46.7365, 32.5032 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(244, 161, 144) }
```


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

```
.border{ border-color:rgb(244, 161, 144) }
```

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

Here you see how a box with a 4 pixel rgb(244, 161, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 161, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 161, 144);  
box-shadow:4px 4px 4px 4px rgb(244, 161,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 55.0871, 46.7365, 32.5032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 161, 144) }
```

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

```
.background{ background-color: rgb(244,  
161, 144) }
```

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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