

Converting Colors

XYZ(114.2986, 80.1214,
47.3003)

Have a look what the booklet for
XYZ(114.2986, 80.1214, 47.3003)
contains.

XYZ(63.2482, 53.6673, 45.0555) 3

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Color

**XYZ(63.2482, 53.6673,
45.0555)**

Conversions

Conversions Part 1

Format	Color
Hex	FFACAA
RGB	255, 172, 170
RGB Percent	100%, 67%, 67%
CMY	0.0000, 0.3255, 0.3333
CMYK	0.00, 0.33, 0.33, 0.00
HSL	1°, 100%, 83%
HSV	1°, 33%, 100%
XYZ	63.2482, 53.6673, 45.0555
YIQ	196.5890, 50.1100, 16.9740

Conversions

Conversions Part 2

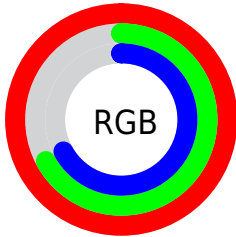
Format	Color
R _Y B	255, 172, 170
Decimal	16755882
CIE Lab	78.27, 30.20, 13.49
CIE LCh	78, 33.075, 24.077
Yxy	53.6673, 0.3905, 0.3313
Android (android.graphics.Color)	4294945962 (0xFFFFACAA)
YUV	196.5890, -13.1084, 51.2264
Hunter-Lab	73.2580, 25.9088, 14.8157

Details

The XYZ color **63.2482, 53.6673, 45.0555** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.7515, 86.0134, 107.5337**, and the grayscale version is **52.8797, 55.6336, 60.5850**.

A 20% lighter version of the original color is **82.5740, 82.1830, 82.7450**, and **32.6318, 26.2374, 20.4840** is the 20% darker color. If you saturate the color by 10%, you get **56.7630, 44.1901, 32.1247**, and if you desaturate by 10%, it is **71.0918, 65.1122, 60.7484**.

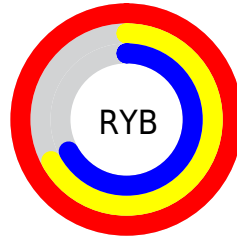
Distribution



Red (100%)

Green (67%)

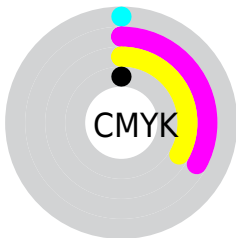
Blue (67%)



Red (100%)

Yellow (67%)

Blue (67%)

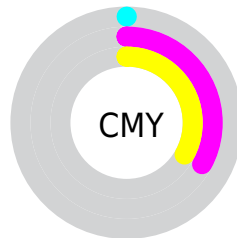


Cyan (0%)

Magenta (33%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2482, 53.6673, 45.0555 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 63.2482, 53.6673, 45.0555 by changing the saturation by 10% instead.


 63.2482, 53.6673,
45.0555

 63.2482, 53.6673,
45.0555


426.1151,
400.8401, 383.1650

 46.3014, 38.3357,
31.1579


 108.6073, 95.5856,
84.1230

 32.6894, 26.2434,
20.4596


137.7504,
122.9411, 110.1300

 22.0467, 17.0058,
12.5422

171.6896,
155.0733, 141.0105

 14.0080, 10.2386,
6.9871

210.7902,
192.3668, 177.1831

 8.2080, 5.5575,
3.3757

255.4178,
235.2058, 219.0663

 4.2812, 2.5779,
1.2895

305.9375,

 1.8624, 0.9156,

283.9747, 267.0786

0.0532

362.7148,
339.0580, 321.6387

■ 0.5549, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.2482, 53.6673,
45.0555

■ 63.2482, 53.6673,
45.0555

■ 56.7630, 44.1901,
32.1247

■ 71.0918, 65.1122,
60.7484

■ 51.5552, 36.5626,
21.7932

■ 80.3604, 78.6187,
79.3470

■ 47.5416, 30.6663,
13.8862

■ 91.1213, 94.2839,
100.9888

■ 44.6276, 26.3657,
8.2060

95.0500, 100.0000,
108.9000

■ 42.7042, 23.5052,
4.5240

■ 41.6400, 21.8981,
2.5625

■ 41.3053, 21.3906,
1.9518

Harmonies

Analogous

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



64.4295, 53.6673, 62.1939



63.2482, 53.6673, 45.0555



58.6720, 53.6673, 34.0444

Triad

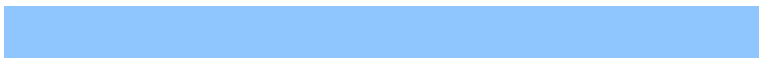
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.2482, 53.6673, 45.0555



41.5721, 53.6673, 39.9037



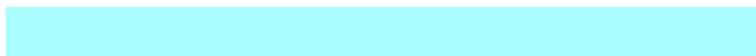
49.7345, 53.6673, 101.5861

Complementary

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



63.2482, 53.6673, 45.0555



69.7515, 86.0134, 107.5337

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.



44.0443, 53.6673, 92.3466



63.2482, 53.6673, 45.0555



39.5952, 53.6673, 54.8299

Square

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



63.2482, 53.6673, 45.0555



46.0942, 53.6673, 31.5403



40.4606, 53.6673, 74.2302



56.2616, 53.6673, 97.4321

Rectangle

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



63.2482, 53.6673, 45.0555



54.5035, 53.6673, 30.4042



40.4606, 53.6673, 74.2302



47.6675, 53.6673, 99.8920

Sweetspot

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



63.2496, 53.6699, 45.0566



83.7779, 83.5953, 86.2152



73.4377, 57.1390, 100.5748



17.6191, 17.4373, 17.8248



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.



63.2496, 53.6699, 45.0566



58.7789, 47.1381, 36.1376



72.5215, 72.2136, 48.1472



18.0437, 18.0556, 18.6784



21.5978, 11.2068, 1.0248



2.1145, 1.1143, 0.1036

Inverse Universe

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



69.7515, 86.0134, 107.5337



66.1840, 83.9866, 107.3305



57.9430, 62.3965, 103.5975



18.5160, 20.4035, 23.2123



27.1463, 39.2022, 55.5706



2.6543, 3.8394, 5.4145

Previews

White Background



This preview shows how the XYZ color 63.2482, 53.6673, 45.0555 looks on a white background.

Color Contrast Check

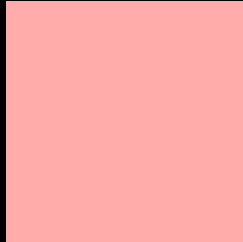
Large Text (above 18pt) WCAG AA × Fail

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 63.2482, 53.6673, 45.0555 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 63.2482, 53.6673, 45.0555

Background



This preview shows how black text looks on a background with the XYZ color 63.2482, 53.6673, 45.0555.



This preview shows how white text looks on a background with the XYZ color 63.2482, 53.6673,

45.0555.

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

63.2482, 53.6673, 45.0555

Protanopia

51.2299, 53.7555, 51.3918

Deuteranopia

54.8696, 53.8603, 44.0633



Tritanopia

64.3502, 53.8047, 51.7935

Trichromacy



Original Color

63.2482, 53.6673, 45.0555



Protanomaly

54.8000, 53.0879, 48.9537



Deuteranomaly

57.7275, 53.7755, 44.3829



Tritanomaly

63.8388, 53.6002, 49.1007

Monochromacy



Original Color

63.2482, 53.6673, 45.0555



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

55.8663, 54.4597, 54.5810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2482, 53.6673, 45.0555 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(255, 172, 170)` looks like.

```
.text, #text, p{  
  color:rgb(255, 172, 170)  
}
```

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(255, 172, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 170) }
```

Border

The CSS property to change the border of an element to XYZ 63.2482, 53.6673, 45.0555 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(255, 172, 170) }
```


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

```
.border{ border-color:rgb(255, 172, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 172, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2482, 53.6673, 45.0555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 170) }
```

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

```
.background{ background-color: rgb(255,  
172, 170) }
```

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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