

Converting Colors

XYZ(63.2184, 53.3551, 45.8242)

Have a look what the booklet for
XYZ(63.2184, 53.3551, 45.8242)
contains.

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Color

**XYZ(63.2493, 53.3644,
45.9965)**

Conversions

Conversions Part 1

Format	Color
Hex	FFABAC
RGB	255, 171, 172
RGB Percent	100%, 67%, 67%
CMY	0.0000, 0.3294, 0.3255
CMYK	0.00, 0.33, 0.33, 0.00
HSL	359°, 100%, 84%
HSV	359°, 33%, 100%
XYZ	63.2493, 53.3644, 45.9965
YIQ	196.2300, 49.7430, 18.1190

Conversions

Conversions Part 2

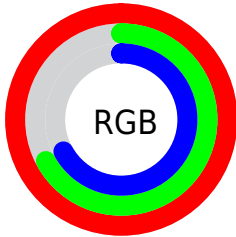
Format	Color
R _Y B	255, 171, 172
Decimal	16755628
CIE Lab	78.09, 30.97, 12.16
CIE LCh	78, 33.267, 21.434
Yxy	53.3644, 0.3890, 0.3282
Android (android.graphics.Color)	4294945708 (0xFFFFABAC)
YUV	196.2300, -11.9454, 51.5413
Hunter-Lab	73.0509, 26.7105, 13.8037

Details

The XYZ color **63.2493, 53.3644, 45.9965** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.4463, 87.3348, 106.9148**, and the grayscale version is **52.6572, 55.3995, 60.3300**.

A 20% lighter version of the original color is **82.5742, 81.7442, 84.0991**, and **32.6335, 26.0487, 21.0772** is the 20% darker color. If you saturate the color by 10%, you get **56.6940, 43.7664, 32.9825**, and if you desaturate by 10%, it is **71.1953, 65.0092, 61.7388**.

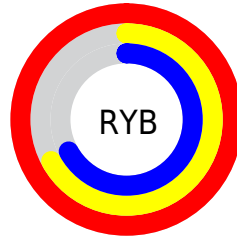
Distribution



Red (100%)

Green (67%)

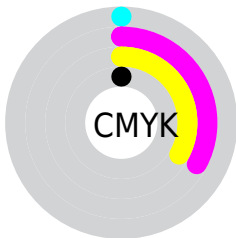
Blue (67%)



Red (100%)

Yellow (67%)

Blue (67%)

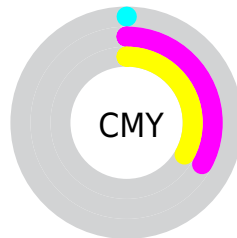


Cyan (0%)

Magenta (33%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 63.2493, 53.3644, 45.9965 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 63.2493, 53.3644, 45.9965 by changing the saturation by 10% instead.


 63.2493, 53.3644,
45.9965

 63.2493, 53.3644,
45.9965


426.1190,
399.6816, 387.0718

 46.3023, 38.0937,
31.8944


 108.6089, 95.1404,
85.5480

 32.6901, 26.0555,
21.0167

137.7522,
122.4145, 111.8345

 22.0472, 16.8651,
12.9449

171.6917,
154.4585, 143.0195

 14.0084, 10.1384,
7.2603

210.7927,
191.6569, 179.5216

 8.2083, 5.4908,
3.5445

255.4206,
234.3940, 221.7594

 4.2814, 2.5380,
1.3789

305.9407,

 1.8625, 0.8956,

283.0542, 270.1513

0.1252

362.7184,
338.0220, 325.1159

■ 0.5549, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 63.2493, 53.3644,
45.9965

■ 63.2493, 53.3644,
45.9965

■ 56.6940, 43.7664,
32.9825

■ 71.1953, 65.0092,
61.7388

■ 51.4457, 36.0899,
22.5389

■ 80.6012, 78.8014,
80.3489

■ 47.4180, 30.2079,
14.4964

■ 91.5365, 94.8441,
101.9604

■ 44.5126, 25.9747,
8.6640

95.0500, 100.0000,
108.9000

■ 42.6158, 23.2222,
4.8221

■ 41.5900, 21.7463,
2.7058

■ 41.2565, 21.2666,
2.0171

Harmonies

Analogous

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



64.0918, 53.3644, 63.5935



63.2493, 53.3644, 45.9965



58.9072, 53.3644, 34.3970

Triad

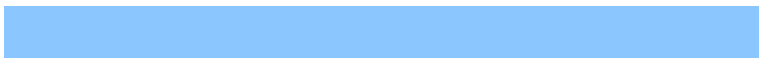
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.2493, 53.3644, 45.9965



41.5746, 53.3644, 38.5475



48.8848, 53.3644, 101.1046

Complementary

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



63.2493, 53.3644, 45.9965



70.4463, 87.3348, 106.9148

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.



43.3312, 53.3644, 90.7754



63.2493, 53.3644, 45.9965



39.3530, 53.3644, 52.9413

Square

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



63.2493, 53.3644, 45.9965



46.2955, 53.3644, 30.7781



39.9674, 53.3644, 72.1708



55.4205, 53.3644, 98.1345

Rectangle

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



63.2493, 53.3644, 45.9965



54.8001, 53.3644, 30.3792



39.9674, 53.3644, 72.1708



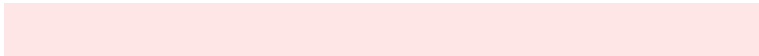
46.8500, 53.3644, 99.0049

Sweetspot

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



63.2507, 53.3670, 45.9976



83.6530, 83.2778, 86.3824



73.3410, 57.3438, 101.8107



17.5892, 17.3614, 17.8648



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.



63.2507, 53.3670, 45.9976



58.4813, 46.3825, 36.5331



72.0358, 71.0895, 48.4564



18.0181, 17.9906, 18.7127



21.5612, 11.1138, 1.0738



2.1023, 1.0833, 0.1200

Inverse Universe

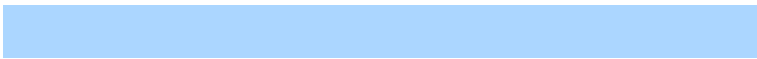
The Inverse Universe completely reimagines the original color for something new.



63.2507, 53.3670, 45.9976



58.4813, 46.3825, 36.5331



58.9948, 64.1762, 103.8856



18.0181, 17.9906, 18.7127



21.5612, 11.1138, 1.0738



2.1023, 1.0833, 0.1200

Previews

White Background



This preview shows how the XYZ color 63.2493, 53.3644, 45.9965 looks on a white background.

Color Contrast Check

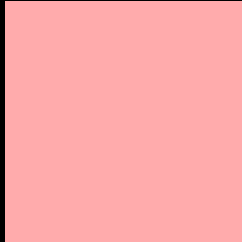
Large Text (above 18pt) WCAG AA × Fail

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 63.2493, 53.3644, 45.9965 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 63.2493, 53.3644, 45.9965

Background



This preview shows how black text looks on a background with the XYZ color 63.2493, 53.3644, 45.9965.



This preview shows how white text looks on a background with the XYZ color 63.2493, 53.3644,

45.9965.

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

63.2493, 53.3644, 45.9965

Protanopia

51.2749, 53.7427, 53.0183

Deuteranopia

54.5391, 53.3545, 44.9600



Tritanopia

64.0582, 53.3868, 51.1844

Trichromacy



Original Color

63.2493, 53.3644, 45.9965



Protanomaly

54.8006, 53.0533, 50.5320



Deuteranomaly

57.3838, 53.2737, 45.2886



Tritanomaly

63.6506, 53.2238, 49.0379

Monochromacy



Original Color

63.2493, 53.3644, 45.9965



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

55.3552, 53.8802, 54.4961

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.2493, 53.3644, 45.9965 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, 171, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 172)  
}
```

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, 171, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 172) }
```

Border

The CSS property to change the border of an element to XYZ 63.2493, 53.3644, 45.9965 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, 171, 172) }
```


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

```
.border{ border-color:rgb(255, 171, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 63.2493, 53.3644, 45.9965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 172) }
```

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

```
.background{ background-color: rgb(255,  
171, 172) }
```

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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