

Converting Colors

XYZ(66.9121, 55.9372, 53.6387)

Have a look what the booklet for
XYZ(66.9121, 55.9372, 53.6387)
contains.

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Color

**XYZ(65.2390, 55.0773,
53.6469)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAEBA
RGB	255, 174, 186
RGB Percent	100%, 68%, 73%
CMY	0.0000, 0.3176, 0.2706
CMYK	0.00, 0.32, 0.27, 0.00
HSL	351°, 100%, 84%
HSV	351°, 32%, 100%
XYZ	65.2390, 55.0773, 53.6469
YIQ	199.5870, 44.4240, 20.9040

Conversions

Conversions Part 2

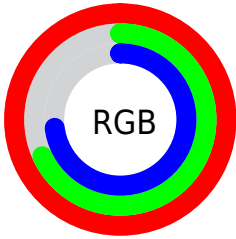
Format	Color
R _Y B	255, 174, 186
Decimal	16756410
CIE Lab	79.09, 31.20, 5.98
CIE LCh	79, 31.770, 10.844
Yxy	55.0773, 0.3750, 0.3166
Android (android.graphics.Color)	4294946490 (0xFFFFAEBA)
YUV	199.5870, -6.6984, 48.5972
Hunter-Lab	74.2141, 27.0385, 9.0911

Details

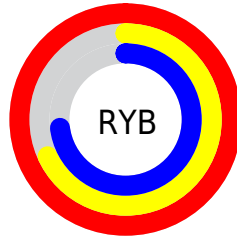
The XYZ color **65.2390, 55.0773, 53.6469** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **69.3955, 86.9908, 97.9316**, and the grayscale version is **54.6678, 57.5148, 62.6336**.

A 20% lighter version of the original color is **85.5638, 84.2644, 95.7594**, and **34.0970, 27.2385, 25.6508** is the 20% darker color. If you saturate the color by 10%, you get **58.6355, 45.2894, 40.9049**, and if you desaturate by 10%, it is **73.1315, 66.8809, 68.5520**.

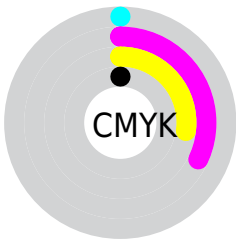
Distribution



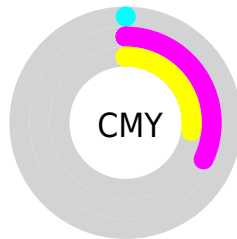
- Red (100%)
- Green (68%)
- Blue (73%)



- Red (100%)
- Yellow (68%)
- Blue (73%)



- Cyan (0%)
- Magenta (32%)
- Yellow (27%)
- Black (0%)



- Cyan (0%)
- Magenta (32%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.2390, 55.0773, 53.6469 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 65.2390, 55.0773, 53.6469 by changing the saturation by 10% instead.

65.2390, 55.0773,
53.6469

65.2390, 55.0773,
53.6469

433.1820,
406.2049, 417.8986

47.9203, 39.4636,
37.9282

111.4572, 97.6542,
97.0068

33.9748, 27.1206,
25.6256

141.0874,
125.3862, 125.4850

23.0370, 17.6638,
16.3205

175.5522,
157.9264, 159.0535

14.7417, 10.7089,
9.5944

215.2169,
195.6593, 198.1308

8.7234, 5.8714,
5.0288

260.4469,
238.9692, 243.1354

4.6169, 2.7671,
2.2051

311.6075,

2.0567, 1.0114,

288.2405, 294.4858

0.6773

369.0641,
343.8576, 352.6007

■ 0.6655, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.2390, 55.0773,
53.6469

■ 65.2390, 55.0773,
53.6469

■ 58.6355, 45.2894,
40.9049

■ 73.1315, 66.8809,
68.5520

■ 53.2480, 37.3972,
30.2218

■ 82.3725, 80.7962,
85.7111

■ 49.0024, 31.2796,
21.4896

■ 93.0229, 96.9223,
105.2140

■ 45.8150, 26.7985,
14.5891

95.0500, 100.0000,
108.9000

■ 43.5900, 23.7950,
9.3878

■ 42.2138, 22.0788,
5.7346

■ 41.5861, 21.3984,
3.7523

Harmonies

Analogous

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



64.7115, 55.0773, 72.1534



65.2390, 55.0773, 53.6469



62.1093, 55.0773, 39.9361

Triad

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



65.2390, 55.0773, 53.6469



44.7845, 55.0773, 37.2726



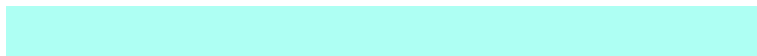
48.4553, 55.0773, 99.3006

Complementary

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



65.2390, 55.0773, 53.6469



69.3955, 86.9908, 97.9316

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.



43.6695, 55.0773, 85.7831



65.2390, 55.0773, 53.6469



41.6712, 55.0773, 49.2413

Square

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



65.2390, 55.0773, 53.6469



50.0923, 55.0773, 31.8316



41.2802, 55.0773, 66.7710



54.6731, 55.0773, 101.1426

Rectangle

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



65.2390, 55.0773, 53.6469



58.5071, 55.0773, 34.3848



41.2802, 55.0773, 66.7710



46.6396, 55.0773, 95.8603

Sweetspot

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



65.2404, 55.0798, 53.6480



84.1454, 83.4747, 88.9753



70.0980, 56.5228, 101.8232



17.7072, 17.4086, 18.4859



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.



65.2404, 55.0798, 53.6480



60.9737, 48.7437, 45.4517



70.0844, 66.7237, 49.2328



18.1190, 18.0309, 19.2436



21.7623, 11.1942, 2.1327



2.1499, 1.1023, 0.3706

Inverse Universe

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



65.2404, 55.0798, 53.6480



60.9737, 48.7437, 45.4517



62.8811, 70.9676, 104.9917



18.1190, 18.0309, 19.2436



21.7623, 11.1942, 2.1327



2.1499, 1.1023, 0.3706

Previews

White Background



This preview shows how the XYZ color 65.2390, 55.0773, 53.6469 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 65.2390, 55.0773, 53.6469 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 65.2390, 55.0773, 53.6469

Background



This preview shows how black text looks on a background with the XYZ color 65.2390, 55.0773, 53.6469.



This preview shows how white text looks on a background with the XYZ color 65.2390, 55.0773,

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

65.2390, 55.0773, 53.6469

Protanopia

53.2613, 55.2495, 61.2831

Deuteranopia

56.2600, 55.0297, 52.4563



Tritanopia

65.3457, 55.1200, 54.2088

Trichromacy



Original Color

65.2390, 55.0773, 53.6469



Protanomaly

56.7213, 54.4958, 58.5681



Deuteranomaly

59.3965, 55.0653, 52.8455



Tritanomaly

65.3457, 55.1200, 54.2088

Monochromacy



Original Color

65.2390, 55.0773, 53.6469



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

57.9963, 56.4174, 59.4627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2390, 55.0773, 53.6469 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, 174, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 186)  
}
```

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, 174, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 186) }
```

Border

The CSS property to change the border of an element to XYZ 65.2390, 55.0773, 53.6469 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, 174, 186) }
```


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

```
.border{ border-color:rgb(255, 174, 186) }
```

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

Here you see how a box with a 4 pixel rgb(255, 174, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2390, 55.0773, 53.6469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 186) }
```

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

```
.background{ background-color: rgb(255,  
174, 186) }
```

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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