

Converting Colors

XYZ(122.7772, 85.3925,
54.6546)

Have a look what the booklet for
XYZ(122.7772, 85.3925, 54.6546)
contains.

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Color

**XYZ(65.3126, 55.7296,
52.1143)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0B7
RGB	255, 176, 183
RGB Percent	100%, 69%, 72%
CMY	0.0000, 0.3098, 0.2823
CMYK	0.00, 0.31, 0.28, 0.00
HSL	355°, 100%, 85%
HSV	355°, 31%, 100%
XYZ	65.3126, 55.7296, 52.1143
YIQ	200.4190, 44.8370, 18.9250

Conversions

Conversions Part 2

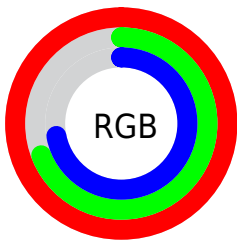
Format	Color
R _Y B	255, 176, 183
Decimal	16756919
CIE Lab	79.46, 29.76, 8.14
CIE LCh	79, 30.850, 15.300
Yxy	55.7296, 0.3772, 0.3218
Android (android.graphics.Color)	4294946999 (0xFFFFB0B7)
YUV	200.4190, -8.5876, 47.8675
Hunter-Lab	74.6523, 25.5266, 10.8666

Details

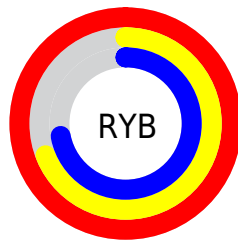
The XYZ color **65.3126, 55.7296, 52.1143** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.6101, 87.5285, 101.9844**, and the grayscale version is **55.1913, 58.0655, 63.2333**.

A 20% lighter version of the original color is **85.6766, 85.2052, 93.5920**, and **34.1382, 27.6479, 24.6564** is the 20% darker color. If you saturate the color by 10%, you get **58.5515, 45.7644, 38.8948**, and if you desaturate by 10%, it is **73.4151, 67.7379, 67.7529**.

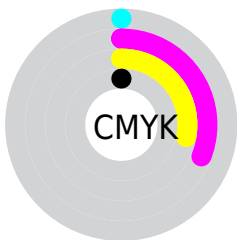
Distribution



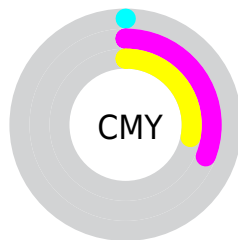
- Red (100%)
- Green (69%)
- Blue (72%)



- Red (100%)
- Yellow (69%)
- Blue (72%)



- Cyan (0%)
- Magenta (31%)
- Yellow (28%)
- Black (0%)



- Cyan (0%)
- Magenta (31%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3126, 55.7296, 52.1143 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 65.3126, 55.7296, 52.1143 by changing the saturation by 10% instead.

65.3126, 55.7296,
52.1143

65.3126, 55.7296,
52.1143

433.4419,
408.6717, 411.8472

47.9802, 39.9862,
36.7133

111.5624, 98.6091,
94.7281

34.0224, 27.5278,
24.6916

141.2105,
126.5140, 122.7780

23.0738, 17.9700,
15.6305

175.6946,
159.2415, 155.8812

14.7690, 10.9284,
9.1115

215.3800,
197.1759, 194.4564

8.7427, 6.0187,
4.7162

260.6321,
240.7018, 238.9221

4.6295, 2.8565,
2.0259

311.8162,

2.0641, 1.0573,

290.2034, 289.6967

0.5711

369.2977,
346.0653, 347.1989

■ 0.6696, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.3126, 55.7296,
52.1143

■ 65.3126, 55.7296,
52.1143

■ 58.5515, 45.7644,
38.8948

■ 73.4151, 67.7379,
67.7529

■ 53.0552, 37.7212,
27.9704

■ 82.9216, 81.8860,
85.9197

■ 48.7461, 31.4784,
19.2109

■ 93.8959, 98.2739,
106.7208

■ 45.5361, 26.8972,
12.4719

■ 95.0500, 100.0000,
108.9000

■ 43.3247, 23.8183,
7.5913

■ 41.9927, 22.0515,
4.3818

■ 41.3905, 21.3202,
2.7224

Harmonies

Analogous

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



65.3497, 55.7296, 69.7573



65.3126, 55.7296, 52.1143



61.7996, 55.7296, 39.5142

Triad

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



65.3126, 55.7296, 52.1143



44.9439, 55.7296, 39.7042



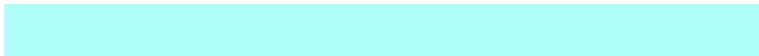
50.0031, 55.7296, 100.0308

Complementary

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



65.3126, 55.7296, 52.1143



70.6101, 87.5285, 101.9844

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.



45.0230, 55.7296, 88.3088



65.3126, 55.7296, 52.1143



42.2605, 55.7296, 52.4265

Square

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



65.3126, 55.7296, 52.1143



49.8873, 55.7296, 33.3594



42.2882, 55.7296, 70.1365



56.1758, 55.7296, 99.9019

Rectangle

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



65.3126, 55.7296, 52.1143



58.1056, 55.7296, 34.6594



42.2882, 55.7296, 70.1365



48.1450, 55.7296, 97.2588

Sweetspot

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



65.3140, 55.7322, 52.1154



84.9738, 84.9466, 89.8216



71.9699, 58.0657, 102.0223



17.8636, 17.6983, 18.6090



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.



65.3140, 55.7322, 52.1154



61.0856, 49.4923, 43.8718



71.5365, 69.3137, 50.6862



18.0747, 18.0132, 19.0104



21.6495, 11.1491, 1.5386



2.1291, 1.0940, 0.2610

Inverse Universe

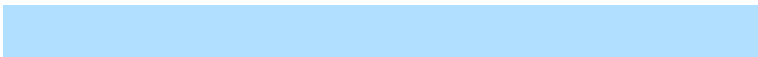
The Inverse Universe completely reimagines the original color for something new.



65.3140, 55.7322, 52.1154



61.0856, 49.4923, 43.8718



62.4514, 69.4416, 104.7198



18.0747, 18.0132, 19.0104



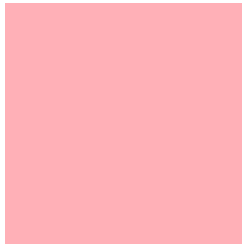
21.6495, 11.1491, 1.5386



2.1291, 1.0940, 0.2610

Previews

White Background



This preview shows how the XYZ color 65.3126, 55.7296, 52.1143 looks on a white background.

Color Contrast Check

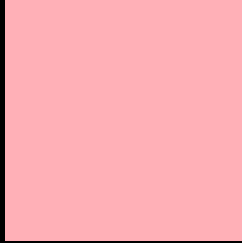
Large Text (above 18pt) WCAG AA × Fail

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 65.3126, 55.7296, 52.1143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

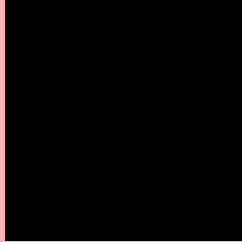
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3126, 55.7296, 52.1143

Background



This preview shows how black text looks on a background with the XYZ color 65.3126, 55.7296, 52.1143.



This preview shows how white text looks on a background with the XYZ color 65.3126, 55.7296,

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

65.3126, 55.7296, 52.1143

Protanopia

53.5649, 55.7924, 58.9848

Deuteranopia

57.0831, 55.8102, 50.9439



Tritanopia

65.7553, 55.5941, 55.4092

Trichromacy



Original Color

65.3126, 55.7296, 52.1143

Protanomaly

57.3107, 55.4850, 56.4043

Deuteranomaly

59.9504, 55.6963, 51.3068

Tritanomaly

65.5396, 55.5078, 54.2735

Monochromacy



Original Color

65.3126, 55.7296, 52.1143

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

57.8836, 56.3723, 58.8691

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3126, 55.7296, 52.1143 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, 176, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 183)  
}
```

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, 176, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 183) }
```

Border

The CSS property to change the border of an element to XYZ 65.3126, 55.7296, 52.1143 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, 176, 183) }
```


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

```
.border{ border-color:rgb(255, 176, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3126, 55.7296, 52.1143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 183) }
```

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

```
.background{ background-color: rgb(255,  
176, 183) }
```

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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