

Converting Colors

XYZ(66.5430, 54.8778, 62.7367)

Have a look what the booklet for
XYZ(66.5430, 54.8778, 62.7367)
contains.

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Color

**XYZ(66.6532, 55.0293,
62.9858)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FFACCA |
| RGB | 255, 172, 202 |
| RGB Percent | 100%, 67%, 79% |
| CMY | 0.0000, 0.3255, 0.2078 |
| CMYK | 0.00, 0.33, 0.21, 0.00 |
| HSL | 338°, 100%, 84% |
| HSV | 338°, 33%, 100% |
| XYZ | 66.6532, 55.0293, 62.9858 |
| YIQ | 200.2370, 39.8380, 26.9260 |

Conversions

Conversions Part 2

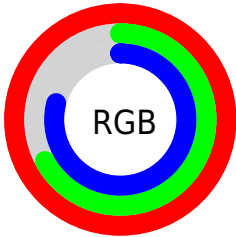
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 172, 202 |
| Decimal | 16755914 |
| CIE Lab | 79.06, 34.49, -2.75 |
| CIE LCh | 79, 34.596, 355.439 |
| Yxy | 55.0293, 0.3609, 0.2980 |
| Android (android.graphics.Color) | 4294945994 (0xFFFFACCA) |
| YUV | 200.2370, 0.8692, 48.0272 |
| Hunter-Lab | 74.1817, 30.5664, 1.5856 |

Details

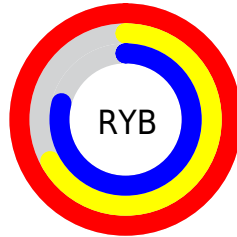
The XYZ color **66.6532, 55.0293, 62.9858** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **66.3659, 85.7279, 84.2871**, and the grayscale version is **55.0246, 57.8901, 63.0424**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **34.9681, 27.2021, 31.4245** is the 20% darker color. If you saturate the color by 10%, you get **60.4300, 45.5073, 51.8956**, and if you desaturate by 10%, it is **74.0136, 66.4997, 75.4602**.

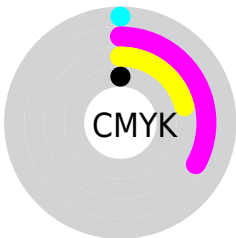
Distribution



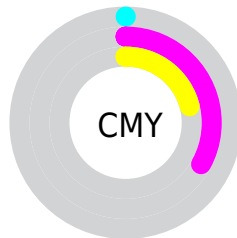
- Red (100%)
- Green (67%)
- Blue (79%)



- Red (100%)
- Yellow (67%)
- Blue (79%)



- Cyan (0%)
- Magenta (33%)
- Yellow (21%)
- Black (0%)



- Cyan (0%)
- Magenta (33%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6532, 55.0293, 62.9858 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 66.6532, 55.0293, 62.9858 by changing the saturation by 10% instead.

66.6532, 55.0293,
62.9858

66.6532, 55.0293,
62.9858

438.1612,
406.0230, 453.6245

49.0725, 39.4252,
45.3888

113.4759, 97.5839,
110.7344

34.8918, 27.0907,
31.4186

143.4486,
125.3031, 141.7231

23.7456, 17.6413,
20.6567

178.2827,
157.8296, 178.0127

15.2688, 10.6928,
12.6845

218.3435,
195.5475, 220.0219

9.0958, 5.8607,
7.0835

263.9964,
238.8415, 268.1691

4.8613, 2.7605,
3.4351


315.6068,

2.2000, 1.0080,


288.0958, 322.8729


1.3209


373.5399,
343.6948, 384.5519


 0.7428, 0.0000,
0.0788


 0.0000, 0.0000,
0.0000


 66.6532, 55.0293,
62.9858


 66.6532, 55.0293,
62.9858

 60.4300, 45.5073,
51.8956


 74.0136, 66.4997,
75.4602

 55.2803, 37.8171,
42.1355

 82.5625, 80.0120,
89.3636

 51.1400, 31.8408,
33.6521

 92.3527, 95.6623,
104.7426

 47.9362, 27.4434,
26.3867

95.0500, 100.0000,
108.9000

■ 45.5852, 24.4695,
20.2752

■ 43.9868, 22.7315,
15.2452

■ 43.1788, 22.0355,
12.1394

Harmonies

Analogous

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



63.9905, 55.0293, 84.1226



66.6532, 55.0293, 62.9858



65.2033, 55.0293, 45.0522

Triad

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



66.6532, 55.0293, 62.9858



46.8166, 55.0293, 31.7696



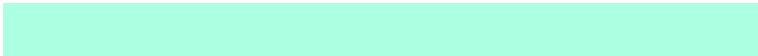
45.1422, 55.0293, 96.9112

Complementary

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



66.6532, 55.0293, 62.9858



66.3659, 85.7279, 84.2871

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.



41.2286, 55.0293, 77.7385



66.6532, 55.0293, 62.9858



42.1342, 55.0293, 40.8675

Square

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



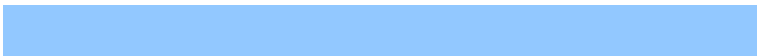
66.6532, 55.0293, 62.9858



53.3643, 55.0293, 29.4949



40.1773, 55.0293, 56.9506



51.2572, 55.0293, 106.2575

Rectangle

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



66.6532, 55.0293, 62.9858



62.1615, 55.0293, 36.7450



40.1773, 55.0293, 56.9506



43.5474, 55.0293, 91.2221

Sweetspot

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



66.6545, 55.0317, 62.9869



84.9359, 83.7909, 93.1382



63.7208, 52.6658, 101.4148



17.8973, 17.4846, 19.4870



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.



66.6545, 55.0317, 62.9869



62.5113, 48.6695, 55.6742



65.6354, 58.1355, 46.7948



18.2806, 18.0956, 20.0950



22.6267, 11.5400, 6.6846



2.2532, 1.1436, 0.9147

Inverse Universe

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



66.6545, 55.0317, 62.9869



62.5113, 48.6695, 55.6742



67.3955, 80.6531, 106.6232



18.2806, 18.0956, 20.0950



22.6267, 11.5400, 6.6846



2.2532, 1.1436, 0.9147

Previews

White Background



This preview shows how the XYZ color 66.6532, 55.0293, 62.9858 looks on a white background.

Color Contrast Check

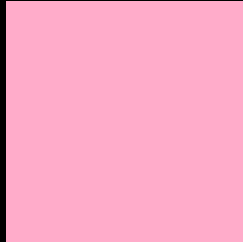
Large Text (above 18pt) WCAG AA × Fail

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 66.6532, 55.0293, 62.9858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

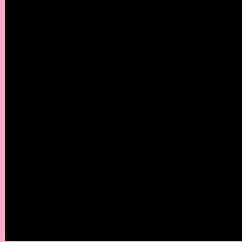
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.6532, 55.0293, 62.9858

Background



This preview shows how black text looks on a background with the XYZ color 66.6532, 55.0293, 62.9858.



This preview shows how white text looks on a background with the XYZ color 66.6532, 55.0293,

62.9858.

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

66.6532, 55.0293, 62.9858

Protanopia

54.1579, 55.4574, 72.8157

Deuteranopia

56.4538, 55.2466, 61.7210



Tritanopia

64.7212, 54.7856, 54.7405

Trichromacy



Original Color

66.6532, 55.0293, 62.9858



Protanomaly

57.8471, 54.8427, 69.1648



Deuteranomaly

59.6719, 54.6951, 62.0557



Tritanomaly

65.4423, 54.8082, 57.5819

Monochromacy



Original Color

66.6532, 55.0293, 62.9858



Achromatopsia

54.8990, 57.7580, 62.8985



Achromatomaly

58.4713, 56.2596, 63.0358

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6532, 55.0293, 62.9858 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, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 202)  
}
```

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, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 202) }
```

Border

The CSS property to change the border of an element to XYZ 66.6532, 55.0293, 62.9858 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, 202) }
```


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

```
.border{ border-color:rgb(255, 172, 202) }
```

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, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6532, 55.0293, 62.9858 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, 202) }
```

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

```
.background{ background-color: rgb(255,  
172, 202) }
```

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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