

Converting Colors

XYZ(73.4917, 56.1954, 65.1525)

Have a look what the booklet for
XYZ(73.4917, 56.1954, 65.1525)
contains.

XYZ(65.6560, 52.2672, 65.0206)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.6560, 52.2672,
65.0206)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA4CE
RGB	255, 164, 206
RGB Percent	100%, 64%, 81%
CMY	0.0000, 0.3568, 0.1922
CMYK	0.00, 0.36, 0.19, 0.00
HSL	332°, 100%, 82%
HSV	332°, 36%, 100%
XYZ	65.6560, 52.2672, 65.0206
YIQ	195.9970, 40.7540, 32.3540

Conversions

Conversions Part 2

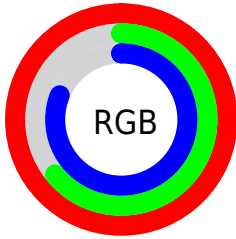
Format	Color
R _Y B	255, 164, 206
Decimal	16753870
CIE Lab	77.44, 39.23, -7.32
CIE LCh	77, 39.909, 349.437
Yxy	52.2672, 0.3589, 0.2857
Android (android.graphics.Color)	4294943950 (0xFFFFA4CE)
YUV	195.9970, 4.9315, 51.7456
Hunter-Lab	72.2961, 35.5875, -2.7162

Details

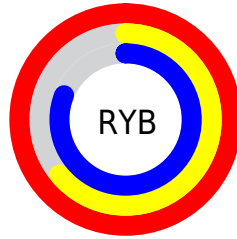
The XYZ color **65.6560, 52.2672, 65.0206** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **63.0822, 84.2176, 75.8854**, and the grayscale version is **52.4231, 55.1532, 60.0618**.

A 20% lighter version of the original color is **84.8832, 79.6664, 105.5111**, and **34.3779, 25.5062, 32.8170** is the 20% darker color. If you saturate the color by 10%, you get **59.9457, 43.4004, 55.2435**, and if you desaturate by 10%, it is **72.4296, 63.0267, 75.8724**.

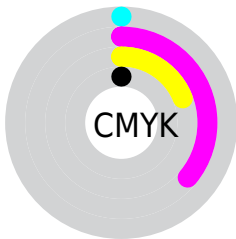
Distribution



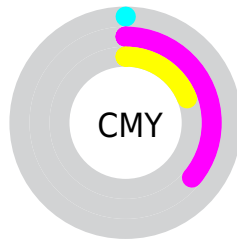
- Red (100%)
- Green (64%)
- Blue (81%)



- Red (100%)
- Yellow (64%)
- Blue (81%)



- Cyan (0%)
- Magenta (36%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (36%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6560, 52.2672, 65.0206 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 65.6560, 52.2672, 65.0206 by changing the saturation by 10% instead.


 65.6560, 52.2672,
65.0206


 65.6560, 52.2672,
65.0206


434.6537,
395.4673, 461.1742

 48.2599, 37.2181,
47.0263

 112.0529, 93.5252,
113.6930

 34.2448, 25.3764,
32.7020

 141.7844,
120.5029, 145.2083

 23.2455, 16.3577,
21.6290

176.3585,
152.2255, 182.0676

 14.8966, 9.7776,
13.3888

216.1404,
189.0775, 224.6895

 8.8327, 5.2518,
7.5630

261.4955,
231.4433, 273.4926

 4.6885, 2.3957,
3.7329

312.7891,

 2.0985, 0.8237,

279.7073, 328.8954

1.4800

370.3868,
334.2538, 391.3164

■ 0.6884, 0.0000,
0.2029

■ 0.0000, 0.0000,
0.0000

■ 65.6560, 52.2672,
65.0206

■ 65.6560, 52.2672,
65.0206

■ 59.9457, 43.4004,
55.2435

■ 72.4296, 63.0267,
75.8724

■ 55.2359, 36.3077,
46.5001

■ 80.3165, 75.7740,
87.8315

■ 51.4633, 30.8683,
38.7508

■ 89.3681, 90.6063,
100.9325

■ 48.5550, 26.9428,
31.9514

95.0500, 100.0000,
108.9000

■ 46.4264, 24.3687,
26.0530

■ 44.9733, 22.9449,
20.9988

■ 44.4913, 22.5605,
19.0512

Harmonies

Analogous

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



61.7631, 52.2672, 89.0814



65.6560, 52.2672, 65.0206



64.9463, 52.2672, 43.9642

Triad

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



65.6560, 52.2672, 65.0206



44.9244, 52.2672, 25.6182



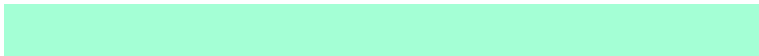
40.6807, 52.2672, 95.4664

Complementary

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



65.6560, 52.2672, 65.0206



63.0822, 84.2176, 75.8854

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.



37.0130, 52.2672, 72.1764



65.6560, 52.2672, 65.0206



39.2828, 52.2672, 33.5997

Square

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



65.6560, 52.2672, 65.0206



52.4350, 52.2672, 24.6362



36.5291, 52.2672, 49.5037



47.0201, 52.2672, 109.4342

Rectangle

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



65.6560, 52.2672, 65.0206



61.9790, 52.2672, 34.0497



36.5291, 52.2672, 49.5037



39.1235, 52.2672, 88.2259

Sweetspot

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



65.6573, 52.2696, 65.0216



84.4080, 82.4559, 93.8234



58.6329, 47.8502, 100.7535



17.8076, 17.2247, 19.7052



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.



65.6573, 52.2696, 65.0216



61.3776, 45.6014, 57.7644



61.7674, 51.5926, 41.8279



18.3581, 18.1266, 20.5030



23.3212, 11.8178, 10.3418



2.3251, 1.1724, 1.2937

Inverse Universe

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



65.6573, 52.2696, 65.0216



61.3776, 45.6014, 57.7644



68.1612, 84.7132, 107.3666



18.3581, 18.1266, 20.5030



23.3212, 11.8178, 10.3418



2.3251, 1.1724, 1.2937

Previews

White Background



This preview shows how the XYZ color 65.6560, 52.2672, 65.0206 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 65.6560, 52.2672, 65.0206 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 65.6560, 52.2672, 65.0206

Background



This preview shows how black text looks on a background with the XYZ color 65.6560, 52.2672, 65.0206.



This preview shows how white text looks on a background with the XYZ color 65.6560, 52.2672,

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

65.6560, 52.2672, 65.0206

Protanopia

51.9824, 52.5937, 77.2239

Deuteranopia

53.6732, 52.5039, 63.1825



Tritanopia

62.4880, 52.0369, 50.4667

Trichromacy



Original Color

65.6560, 52.2672, 65.0206



Protanomaly

55.9122, 51.9064, 72.7177



Deuteranomaly

57.4404, 51.9999, 63.5095



Tritanomaly

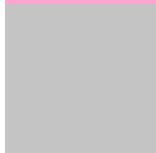
63.6210, 52.2378, 55.4449

Monochromacy



Original Color

65.6560, 52.2672, 65.0206



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

56.1811, 53.2028, 61.9517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6560, 52.2672, 65.0206 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, 164, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 206)  
}
```

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, 164, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 206) }
```

Border

The CSS property to change the border of an element to XYZ 65.6560, 52.2672, 65.0206 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, 164, 206) }
```


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

```
.border{ border-color:rgb(255, 164, 206) }
```

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

Here you see how a box with a 4 pixel rgb(255, 164, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6560, 52.2672, 65.0206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 206) }
```

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

```
.background{ background-color: rgb(255,  
164, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor