

Converting Colors

XYZ(65.4299, 53.3420, 60.2370)

Have a look what the booklet for
XYZ(65.4299, 53.3420, 60.2370)
contains.

XYZ(65.4357, 53.3425, 60.2734)	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(65.4357, 53.3425,
60.2734)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA8C6
RGB	255, 168, 198
RGB Percent	100%, 66%, 78%
CMY	0.0000, 0.3412, 0.2235
CMYK	0.00, 0.34, 0.22, 0.00
HSL	339°, 100%, 83%
HSV	339°, 34%, 100%
XYZ	65.4357, 53.3425, 60.2734
YIQ	197.4330, 42.2220, 27.7740

Conversions

Conversions Part 2

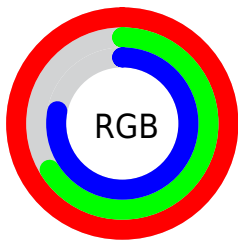
Format	Color
R _Y B	255, 168, 198
Decimal	16754886
CIE Lab	78.08, 35.99, -2.02
CIE LCh	78, 36.051, 356.795
Yxy	53.3425, 0.3655, 0.2979
Android (android.graphics.Color)	4294944966 (0xFFFFA8C6)
YUV	197.4330, 0.2795, 50.4863
Hunter-Lab	73.0360, 32.1121, 2.1957

Details

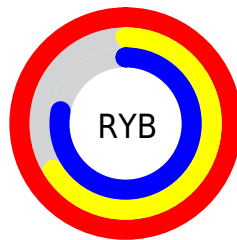
The XYZ color **65.4357, 53.3425, 60.2734** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **65.5011, 85.2821, 84.2467**, and the grayscale version is **53.3144, 56.0909, 61.0830**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **34.1907, 26.1454, 29.6301** is the 20% darker color. If you saturate the color by 10%, you get **59.3592, 44.1053, 49.2586**, and if you desaturate by 10%, it is **72.6505, 64.5156, 72.7177**.

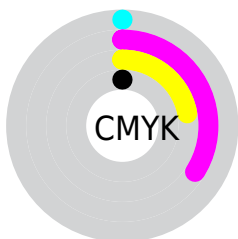
Distribution



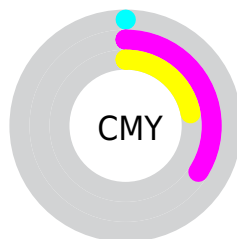
- Red (100%)
- Green (66%)
- Blue (78%)



- Red (100%)
- Yellow (66%)
- Blue (78%)



- Cyan (0%)
- Magenta (34%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4357, 53.3425, 60.2734 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 65.4357, 53.3425, 60.2734 by changing the saturation by 10% instead.


 65.4357, 53.3425,
60.2734


 65.4357, 53.3425,
60.2734


433.8765,
399.5978, 443.4374

 48.0805, 38.0763,
43.2123


 111.7383, 95.1082,
106.7734

 34.1021, 26.0419,
29.7191


 141.4163,
122.3764, 137.0494

 23.1353, 16.8550,
19.3752


175.9326,
154.4140, 172.5675

 14.8147, 10.1311,
11.7622

215.6527,
191.6055, 213.7461

 8.7749, 5.4860,
6.4614

260.9417,
234.3352, 261.0039

 4.6506, 2.5351,
3.0543

312.1651,

 2.0764, 0.8942,

282.9876, 314.7593

1.1224

369.6883,
337.9470, 375.4310

■ 0.6763, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.4357, 53.3425,
60.2734

■ 65.4357, 53.3425,
60.2734

■ 59.3592, 44.1053,
49.2586

■ 72.6505, 64.5156,
72.7177

■ 54.3559, 36.6856,
39.6160

■ 81.0559, 77.7195,
86.6395

■ 50.3601, 30.9633,
31.2885

■ 90.7059, 93.0516,
102.0883

■ 47.2969, 26.8005,
24.2134

95.0500, 100.0000,
108.9000

■ 45.0796, 24.0374,
18.3216

■ 43.6039, 22.4790,
13.5353

■ 42.9982, 21.9633,
11.1887

Harmonies

Analogous

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



62.8774, 53.3425, 81.9759



65.4357, 53.3425, 60.2734



63.7543, 53.3425, 42.3136

Triad

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



65.4357, 53.3425, 60.2734



44.8456, 53.3425, 29.9166



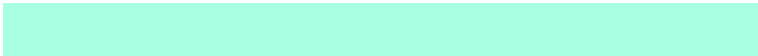
43.6497, 53.3425, 96.8843

Complementary

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



65.4357, 53.3425, 60.2734



65.5011, 85.2821, 84.2467

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.



39.5624, 53.3425, 77.3466



65.4357, 53.3425, 60.2734



40.2068, 53.3425, 39.3489

Square

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



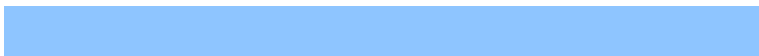
65.4357, 53.3425, 60.2734



51.4603, 53.3425, 27.3601



38.3621, 53.3425, 55.9423



49.9481, 53.3425, 105.9632

Rectangle

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



65.4357, 53.3425, 60.2734



60.5331, 53.3425, 34.1786



38.3621, 53.3425, 55.9423



41.9948, 53.3425, 91.1297

Sweetspot

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



65.4370, 53.3449, 60.2745



84.8735, 83.7660, 92.8093



62.9657, 51.1633, 101.1646



17.8822, 17.4786, 19.4077



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.



65.4370, 53.3449, 60.2745



61.1343, 46.7830, 52.5404



64.8436, 57.1577, 44.6638



18.2679, 18.0905, 20.0278



22.5304, 11.5015, 6.1777



2.2428, 1.1395, 0.8598

Inverse Universe

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



65.4370, 53.3449, 60.2745



61.1343, 46.7830, 52.5404



65.9374, 79.0206, 106.3850



18.2679, 18.0905, 20.0278



22.5304, 11.5015, 6.1777



2.2428, 1.1395, 0.8598

Previews

White Background



This preview shows how the XYZ color 65.4357, 53.3425, 60.2734 looks on a white background.

Color Contrast Check

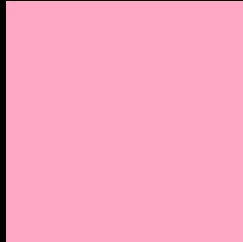
Large Text (above 18pt) WCAG AA × Fail

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 65.4357, 53.3425, 60.2734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

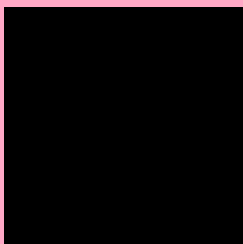
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4357, 53.3425, 60.2734

Background



This preview shows how black text looks on a background with the XYZ color 65.4357, 53.3425, 60.2734.



This preview shows how white text looks on a background with the XYZ color 65.4357, 53.3425, 60.2734.

60.2734.

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

65.4357, 53.3425, 60.2734

Protanopia

52.3457, 53.5797, 70.5338

Deuteranopia

54.7720, 53.4778, 59.0652



Tritanopia

63.6182, 53.4274, 51.7592

Trichromacy



Original Color

65.4357, 53.3425, 60.2734

Protanomaly

56.0502, 52.7172, 66.8958

Deuteranomaly

58.2800, 53.1220, 59.4064

Tritanomaly

64.3249, 53.4511, 54.5038

Monochromacy



Original Color

65.4357, 53.3425, 60.2734

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

56.5504, 54.0545, 60.2763

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4357, 53.3425, 60.2734 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, 168, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 198)  
}
```

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, 168, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 198) }
```

Border

The CSS property to change the border of an element to XYZ 65.4357, 53.3425, 60.2734 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, 168, 198) }
```


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

```
.border{ border-color:rgb(255, 168, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4357, 53.3425, 60.2734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 198) }
```

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

```
.background{ background-color: rgb(255,  
168, 198) }
```

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