

Converting Colors

XYZ(72.8162, 56.6813, 61.7163)

Have a look what the booklet for
XYZ(72.8162, 56.6813, 61.7163)
contains.

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Color

**XYZ(65.3015, 52.7026,
61.3744)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA6C8
RGB	255, 166, 200
RGB Percent	100%, 65%, 78%
CMY	0.0000, 0.3490, 0.2157
CMYK	0.00, 0.35, 0.22, 0.00
HSL	337°, 100%, 83%
HSV	337°, 35%, 100%
XYZ	65.3015, 52.7026, 61.3744
YIQ	196.4870, 42.1300, 29.4420

Conversions

Conversions Part 2

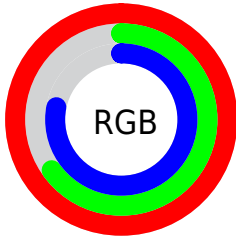
Format	Color
R_{YB}	255, 166, 200
Decimal	16754376
CIE _{Lab}	77.70, 37.32, -3.66
CIE _{LCh}	78, 37.500, 354.398
Yxy	52.7026, 0.3640, 0.2938
Android (android.graphics.Color)	4294944456 (0xFFFFA6C8)
YUV	196.4870, 1.7319, 51.3159
Hunter-Lab	72.5966, 33.5190, 0.6928

Details

The XYZ color **65.3015, 52.7026, 61.3744** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **64.5392, 84.8485, 81.3863**, and the grayscale version is **52.7353, 55.4816, 60.4195**.

A 20% lighter version of the original color is **85.4113, 80.7226, 105.6871**, and **34.1194, 25.7559, 30.3672** is the 20% darker color. If you saturate the color by 10%, you get **59.3694, 43.6354, 50.7737**, and if you desaturate by 10%, it is **72.3452, 63.6884, 73.2835**.

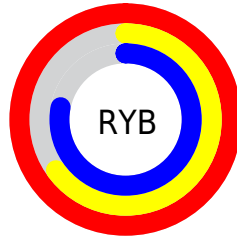
Distribution



Red (100%)

Green (65%)

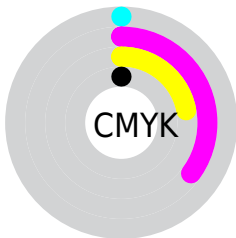
Blue (78%)



Red (100%)

Yellow (65%)

Blue (78%)

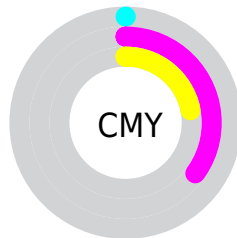


Cyan (0%)

Magenta (35%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3015, 52.7026, 61.3744 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 65.3015, 52.7026, 61.3744 by changing the saturation by 10% instead.


 65.3015, 52.7026,
61.3744


 65.3015, 52.7026,
61.3744


433.4027,
397.1431, 447.5899

 47.9712, 37.5654,
44.0949

 111.5465, 94.1666,
108.3837

 34.0152, 25.6456,
30.4074


 141.1919,
121.2622, 138.9505

 23.0683, 16.5587,
19.8933

175.6731,
153.1127, 174.7835

 14.7649, 9.9203,
12.1342

215.3554,
190.1026, 216.3012

 8.7398, 5.3462,
6.7115

260.6041,
232.6161, 263.9221

 4.6276, 2.4518,
3.2066

311.7847,

 2.0629, 0.8523,

281.0378, 318.0649

1.2011

369.2625,
335.7520, 379.1480

■ 0.6690, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 65.3015, 52.7026,
61.3744

■ 65.3015, 52.7026,
61.3744

■ 59.3694, 43.6354,
50.7737

■ 72.3452, 63.6884,
73.2835

■ 54.4844, 36.3681,
41.4300

■ 80.5519, 76.6880,
86.5434

■ 50.5816, 30.7801,
33.2924

■ 89.9747, 91.7989,
101.1983

■ 47.5865, 26.7326,
26.3051

95.0500, 100.0000,
108.9000

■ 45.4132, 24.0643,
20.4063

■ 43.9568, 22.5771,
15.5259

■ 43.4167, 22.1307,
13.3923

Harmonies

Analogous

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



62.3153, 52.7026, 83.9329



65.3015, 52.7026, 61.3744



63.9042, 52.7026, 42.4098

Triad

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



65.3015, 52.7026, 61.3744



44.5469, 52.7026, 28.1429



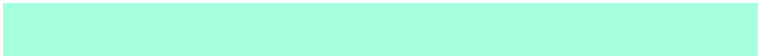
42.4005, 52.7026, 96.3934

Complementary

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



65.3015, 52.7026, 61.3744



64.5392, 84.8485, 81.3863

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.



38.4293, 52.7026, 75.5239



65.3015, 52.7026, 61.3744



39.5822, 52.7026, 37.1227

Square

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



65.3015, 52.7026, 61.3744



51.4668, 52.7026, 26.0942



37.4494, 52.7026, 53.5708



48.7424, 52.7026, 107.0491

Rectangle

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



65.3015, 52.7026, 61.3744



60.7378, 52.7026, 33.7209



37.4494, 52.7026, 53.5708



40.7694, 52.7026, 90.1284

Sweetspot

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



65.3029, 52.7050, 61.3755



85.0134, 83.8220, 93.5465



61.4715, 49.8491, 100.9897



17.9160, 17.4921, 19.5854



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.



65.3029, 52.7050, 61.3755



60.9790, 46.0744, 53.7159



63.7253, 55.2169, 43.3788



18.2965, 18.1019, 20.1784



22.7532, 11.5906, 7.3509



2.2667, 1.1490, 0.9858

Inverse Universe

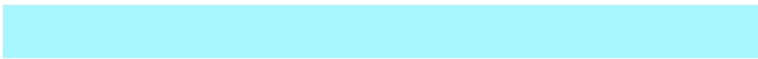
The Inverse Universe completely reimagines the original color for something new.



65.3029, 52.7050, 61.3755



60.9790, 46.0744, 53.7159



66.3141, 80.4013, 106.6316



18.2965, 18.1019, 20.1784



22.7532, 11.5906, 7.3509



2.2667, 1.1490, 0.9858

Previews

White Background



This preview shows how the XYZ color 65.3015, 52.7026, 61.3744 looks on a white background.

Color Contrast Check

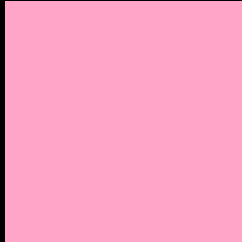
Large Text (above 18pt) WCAG AA × Fail

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 65.3015, 52.7026, 61.3744 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 65.3015, 52.7026, 61.3744

Background



This preview shows how black text looks on a background with the XYZ color 65.3015, 52.7026, 61.3744.



This preview shows how white text looks on a background with the XYZ color 65.3015, 52.7026,

61.3744.

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

65.3015, 52.7026, 61.3744

Protanopia

51.8828, 52.9867, 71.7829

Deuteranopia

53.8172, 52.6586, 59.5522



Tritanopia

63.1395, 52.6360, 51.0879

Trichromacy



Original Color

65.3015, 52.7026, 61.3744



Protanomaly

55.8014, 52.2552, 68.1180



Deuteranomaly

57.5622, 52.4402, 59.9114



Tritanomaly

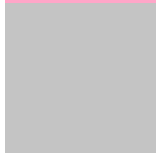
64.0610, 52.7502, 54.9495

Monochromacy



Original Color

65.3015, 52.7026, 61.3744



Achromatopsia

52.4687, 55.2011, 60.1140



Achromatomaly

56.0423, 53.4809, 60.1924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3015, 52.7026, 61.3744 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, 166, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 200)  
}
```

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, 166, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 200) }
```

Border

The CSS property to change the border of an element to XYZ 65.3015, 52.7026, 61.3744 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, 166, 200) }
```


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

```
.border{ border-color:rgb(255, 166, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3015, 52.7026, 61.3744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 200) }
```

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

```
.background{ background-color: rgb(255,  
166, 200) }
```

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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