

Converting Colors

XYZ(60.4764, 42.2871, 62.1246)

Have a look what the booklet for
XYZ(60.4764, 42.2871, 62.1246)
contains.

XYZ(60.5266, 42.3947, 62.1196)	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(60.5266, 42.3947,
62.1196)**

Conversions

Conversions Part 1

Format	Color
Hex	FF85CC
RGB	255, 133, 204
RGB Percent	100%, 52%, 80%
CMY	0.0000, 0.4784, 0.2000
CMYK	0.00, 0.48, 0.20, 0.00
HSL	325°, 100%, 76%
HSV	325°, 48%, 100%
XYZ	60.5266, 42.3947, 62.1196
YIQ	177.5720, 49.9210, 47.9450

Conversions

Conversions Part 2

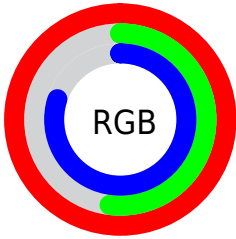
Format	Color
R _Y B	255, 133, 204
Decimal	16745932
CIE Lab	71.14, 54.56, -15.63
CIE LCh	71, 56.752, 344.012
Yxy	42.3947, 0.3667, 0.2569
Android (android.graphics.Color)	4294936012 (0xFFFF85CC)
YUV	177.5720, 13.0290, 67.9044
Hunter-Lab	65.1112, 51.9868, -10.9880

Details

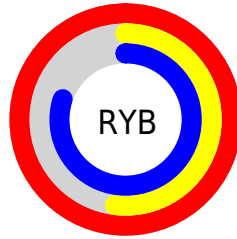
The XYZ color **60.5266, 42.3947, 62.1196** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **54.0863, 79.9681, 57.9355**, and the grayscale version is **42.0072, 44.1948, 48.1282**.

A 20% lighter version of the original color is **77.4876, 64.8752, 103.0459**, and **30.9944, 19.3865, 30.9626** is the 20% darker color. If you saturate the color by 10%, you get **56.2144, 35.7469, 54.5884**, and if you desaturate by 10%, it is **65.7757, 50.7759, 70.3958**.

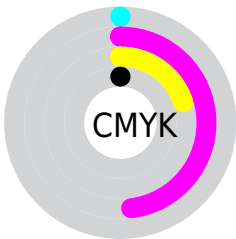
Distribution



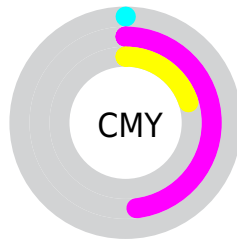
- Red (100%)
- Green (52%)
- Blue (80%)



- Red (100%)
- Yellow (52%)
- Blue (80%)



- Cyan (0%)
- Magenta (48%)
- Yellow (20%)
- Black (0%)





- Cyan (0%)
- Magenta (48%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5266, 42.3947, 62.1196 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 60.5266, 42.3947, 62.1196 by changing the saturation by 10% instead.


 60.5266, 42.3947,
62.1196


 60.5266, 42.3947,
62.1196


416.3398,
356.1165, 450.3869


 44.0943, 29.4105,
44.6929

 104.6952, 78.7966,
109.4716

 30.9429, 19.3916,
30.8744


 133.1622,
102.9831, 140.2341

 20.7070, 11.9535,
20.2456


 166.3715,
131.6725, 176.2789

 13.0212, 6.7121,
12.3878

204.6885,
165.2492, 218.0246

 7.5203, 3.2827,
6.8827

248.4784,
204.0975, 265.8897

 3.8387, 1.2810,
3.3115

298.1067,

 1.6113, 0.1264,

248.6019, 320.2927

1.2558

353.9387,
299.1468, 381.6523

■ 0.3998, 0.0000,
0.0252

■ 0.0000, 0.0000,
0.0000

■ 60.5266, 42.3947,
62.1196

■ 60.5266, 42.3947,
62.1196

■ 56.2144, 35.7469,
54.5884

■ 65.7757, 50.7759,
70.3958

■ 52.7718, 30.7012,
47.7700

■ 72.0164, 60.9977,
79.4423

■ 50.1272, 27.1171,
41.6319

■ 79.3027, 73.1652,
89.2855

■ 48.1950, 24.8263,
36.1365

■ 87.6836, 87.3740,
99.9497

■ 46.8613, 23.6042, 95.0500, 100.0000,
31.2365 108.9000

■ 46.6168, 23.4107,
30.2438

Harmonies

Analogous

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



54.3640, 42.3947, 94.9260



60.5266, 42.3947, 62.1196



60.7408, 42.3947, 34.6188

Triad

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



60.5266, 42.3947, 62.1196



36.0325, 42.3947, 11.7364



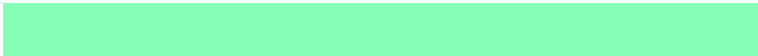
28.5347, 42.3947, 92.8773

Complementary

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



60.5266, 42.3947, 62.1196



54.0863, 79.9681, 57.9355

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.



25.0447, 42.3947, 60.0189



60.5266, 42.3947, 62.1196



28.8902, 42.3947, 17.8350

Square

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



60.5266, 42.3947, 62.1196



45.5380, 42.3947, 11.9249



25.1636, 42.3947, 33.1997



35.4705, 42.3947, 116.9147

Rectangle

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



60.5266, 42.3947, 62.1196



57.4101, 42.3947, 22.6481



25.1636, 42.3947, 33.1997



26.9720, 42.3947, 82.0372

Sweetspot

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



60.5277, 42.3966, 62.1204



82.3893, 78.3755, 93.2826



46.1667, 34.1672, 98.7694



17.2592, 16.1410, 19.4824



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.



60.5277, 42.3966, 62.1204



56.5424, 36.2422, 55.1935



54.5995, 40.0254, 30.9033



18.4527, 18.1644, 21.0011



24.4345, 12.2631, 16.2042



2.4336, 1.2158, 1.8649

Inverse Universe

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



60.5277, 42.3966, 62.1204



56.5424, 36.2422, 55.1935



61.8900, 83.0895, 99.0293



18.4527, 18.1644, 21.0011



24.4345, 12.2631, 16.2042



2.4336, 1.2158, 1.8649

Previews

White Background



This preview shows how the XYZ color 60.5266, 42.3947, 62.1196 looks on a white background.

Color Contrast Check

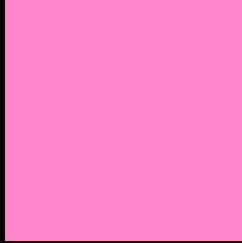
Large Text (above 18pt) WCAG AA × Fail

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 60.5266, 42.3947, 62.1196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

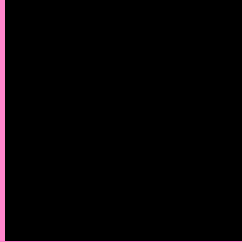
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5266, 42.3947, 62.1196

Background



This preview shows how black text looks on a background with the XYZ color 60.5266, 42.3947, 62.1196.



This preview shows how white text looks on a background with the XYZ color 60.5266, 42.3947,

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

60.5266, 42.3947, 62.1196

Protanopia

43.2769, 42.5437, 81.5321

Deuteranopia

43.6238, 42.6504, 59.3592



Tritanopia

55.0795, 42.3020, 35.8339

Trichromacy



Original Color

60.5266, 42.3947, 62.1196



Protanomaly

47.2703, 41.0116, 73.8312



Deuteranomaly

48.4947, 41.6940, 60.1354



Tritanomaly

56.8239, 42.1392, 44.1685

Monochromacy



Original Color

60.5266, 42.3947, 62.1196



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

47.3436, 42.5503, 52.7315

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5266, 42.3947, 62.1196 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, 133, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 204)  
}
```

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, 133, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 204) }
```

Border

The CSS property to change the border of an element to XYZ 60.5266, 42.3947, 62.1196 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, 133, 204) }
```


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

```
.border{ border-color:rgb(255, 133, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 133, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5266, 42.3947, 62.1196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 204) }
```

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

```
.background{ background-color: rgb(255,  
133, 204) }
```

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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