

Converting Colors

XYZ(60.0751, 47.3137, 54.9867)

Have a look what the booklet for
XYZ(60.0751, 47.3137, 54.9867)
contains.

XYZ(60.1922, 47.3440, 55.2560)	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(60.1922, 47.3440,
55.2560)**

Conversions

Conversions Part 1

Format	Color
Hex	F99BBF
RGB	249, 155, 191
RGB Percent	98%, 61%, 75%
CMY	0.0235, 0.3921, 0.2510
CMYK	0.00, 0.38, 0.23, 0.02
HSL	337°, 89%, 79%
HSV	337°, 38%, 98%
XYZ	60.1922, 47.3440, 55.2560
YIQ	187.2100, 44.4680, 31.1240

Conversions

Conversions Part 2

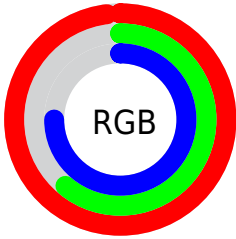
Format	Color
R _Y B	249, 155, 191
Decimal	16358335
CIE Lab	74.41, 39.68, -3.65
CIE LCh	74, 39.848, 354.745
Yxy	47.3440, 0.3697, 0.2908
Android (android.graphics.Color)	4294548415 (0xFFFF99BBF)
YUV	187.2100, 1.8685, 54.1898
Hunter-Lab	68.8070, 35.7392, 0.5516

Details

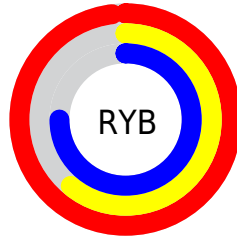
The XYZ color **60.1922, 47.3440, 55.2560** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **59.4056, 79.5252, 75.1736**, and the grayscale version is **47.3260, 49.7906, 54.2220**.

A 20% lighter version of the original color is **81.3228, 74.5639, 98.1018**, and **30.8247, 22.4141, 26.7465** is the 20% darker color. If you saturate the color by 10%, you get **54.8644, 39.2536, 45.5709**, and if you desaturate by 10%, it is **66.5545, 57.2186, 66.1622**.

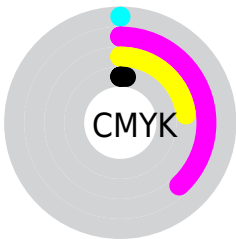
Distribution



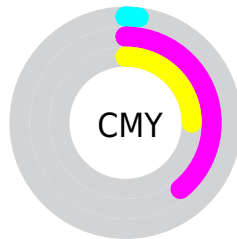
- Red (98%)
- Green (61%)
- Blue (75%)



- Red (98%)
- Yellow (61%)
- Blue (75%)



- Cyan (0%)
- Magenta (38%)
- Yellow (23%)
- Black (2%)





- Cyan (2%)
- Magenta (39%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1922, 47.3440, 55.2560 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 60.1922, 47.3440, 55.2560 by changing the saturation by 10% instead.


 60.1922, 47.3440,
55.2560


 60.1922, 47.3440,
55.2560

415.1292,
376.1860, 424.1909

 43.8236, 33.3077,
39.2067


 104.2132, 86.2269,
99.3908

 30.7292, 22.3623,
26.6115


 132.5963,
111.8422, 128.3135

 20.5435, 14.1233,
17.0518


165.7150,
142.0861, 162.3644

 12.9013, 8.2065,
10.1091

203.9346,
177.3427, 201.9620

 7.4372, 4.2274,
5.3648

247.6205,
217.9967, 247.5249

 3.7857, 1.8015,
2.4004

297.1380,

 1.5816, 0.4881,

264.4323, 299.4717

0.7867

352.8524,
317.0339, 358.2208

■ 0.3804, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1922, 47.3440,
55.2560

■ 60.1922, 47.3440,
55.2560

■ 54.8644, 39.2536,
45.5709

■ 66.5545, 57.2186,
66.1622

■ 50.5086, 32.8326,
37.0576

■ 74.0008, 68.9694,
78.3300

■ 47.0619, 27.9635,
29.6675

■ 82.5822, 82.6902,
91.8018

■ 44.4512, 24.5104,
23.3465

■ 92.3453, 98.4665,
106.6167

■ 42.5916, 22.3131,
18.0346

■ 92.8771, 98.8798,
108.7983

■ 41.3711, 21.1588,
13.6611

■ 41.1487, 20.9725,
12.7902

Harmonies

Analogous

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



57.2387, 47.3440, 77.9020



60.1922, 47.3440, 55.2560



58.7358, 47.3440, 36.7092

Triad

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



60.1922, 47.3440, 55.2560



39.4648, 47.3440, 23.3363



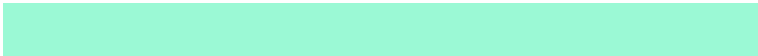
37.4922, 47.3440, 91.0402

Complementary

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



60.1922, 47.3440, 55.2560



59.4056, 79.5252, 75.1736

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.



33.5907, 47.3440, 69.9312



60.1922, 47.3440, 55.2560



34.6419, 47.3440, 31.9316

Square

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



60.1922, 47.3440, 55.2560



46.2753, 47.3440, 21.3532



32.6052, 47.3440, 48.0127



43.7465, 47.3440, 101.7887

Rectangle

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



60.1922, 47.3440, 55.2560



55.5326, 47.3440, 28.4276



32.6052, 47.3440, 48.0127



35.8896, 47.3440, 84.6877

Sweetspot

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



60.1935, 47.3463, 55.2569



84.0827, 82.3258, 92.1104



56.2530, 44.4259, 95.2331



17.7302, 17.1938, 19.2979



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.



60.1935, 47.3463, 55.2569



59.3266, 43.5581, 50.7342



58.6152, 49.7690, 37.5302



17.5197, 17.3352, 19.3263



22.0902, 11.2518, 7.1833



2.0959, 1.0621, 0.9283

Inverse Universe

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



60.1935, 47.3463, 55.2569



59.3266, 43.5581, 50.7342



61.2023, 74.9779, 100.8693



17.5197, 17.3352, 19.3263



22.0902, 11.2518, 7.1833



2.0959, 1.0621, 0.9283

Previews

White Background



This preview shows how the XYZ color 60.1922, 47.3440, 55.2560 looks on a white background.

Color Contrast Check

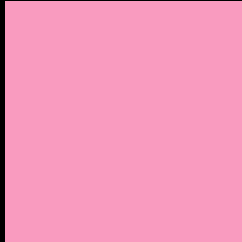
Large Text (above 18pt) WCAG AA × Fail

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 60.1922, 47.3440, 55.2560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

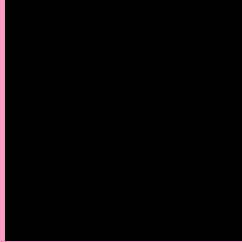
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1922, 47.3440, 55.2560

Background



This preview shows how black text looks on a background with the XYZ color 60.1922, 47.3440, 55.2560.



This preview shows how white text looks on a background with the XYZ color 60.1922, 47.3440,

55.2560.

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

60.1922, 47.3440, 55.2560

Protanopia

46.9355, 47.7133, 66.4103

Deuteranopia

48.4432, 47.5708, 53.6426



Tritanopia

58.1066, 47.5107, 44.6360

Trichromacy



Original Color

60.1922, 47.3440, 55.2560



Protanomaly

50.5900, 46.7485, 62.2341



Deuteranomaly

52.0671, 47.1320, 53.9301



Tritanomaly

58.9741, 47.6245, 48.2037

Monochromacy



Original Color

60.1922, 47.3440, 55.2560



Achromatopsia

47.2335, 49.6933, 54.1160



Achromatomaly

50.9854, 47.9924, 54.1532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1922, 47.3440, 55.2560 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(249, 155, 191)` looks like.

```
.text, #text, p{  
    color:rgb(249, 155, 191)  
}
```

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(249, 155, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 155, 191) }
```

Border

The CSS property to change the border of an element to XYZ 60.1922, 47.3440, 55.2560 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(249, 155, 191) }
```


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

```
.border{ border-color:rgb(249, 155, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 155, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 155, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 155, 191);  
box-shadow:4px 4px 4px 4px rgb(249, 155,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1922, 47.3440, 55.2560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 155, 191) }
```

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

```
.background{ background-color: rgb(249,  
155, 191) }
```

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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