

Converting Colors

XYZ(66.9311, 60.5318, 62.5806)

Have a look what the booklet for
XYZ(66.9311, 60.5318, 62.5806)
contains.

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Color

**XYZ(67.1966, 60.7712,
62.8320)**

Conversions

Conversions Part 1

Format	Color
Hex	F7BEC8
RGB	247, 190, 200
RGB Percent	97%, 75%, 78%
CMY	0.0314, 0.2549, 0.2157
CMYK	0.00, 0.23, 0.19, 0.03
HSL	349°, 78%, 86%
HSV	349°, 23%, 97%
XYZ	67.1966, 60.7712, 62.8320
YIQ	208.1830, 30.7620, 15.1940

Conversions

Conversions Part 2

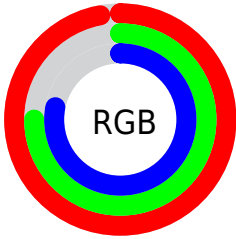
Format	Color
R_{YB}	247, 190, 200
Decimal	16236232
CIE _{Lab}	82.26, 21.91, 2.90
CIE _{LCh}	82, 22.099, 7.534
Yxy	60.7712, 0.3522, 0.3185
Android (android.graphics.Color)	4294426312 (0xFFF7BEC8)
YUV	208.1830, -4.0342, 34.0425
Hunter-Lab	77.9559, 17.4411, 6.7817

Details

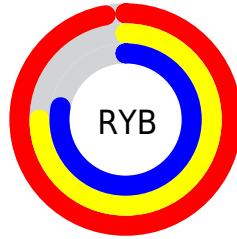
The XYZ color **67.1966, 60.7712, 62.8320** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **69.7845, 83.5847, 92.5803**, and the grayscale version is **60.0857, 63.2148, 68.8409**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **35.2277, 30.6308, 31.2498** is the 20% darker color. If you saturate the color by 10%, you get **60.0693, 50.0754, 49.4838**, and if you desaturate by 10%, it is **75.5510, 73.4125, 78.1552**.

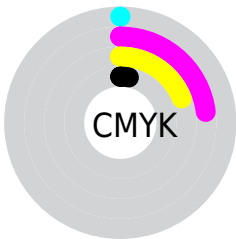
Distribution



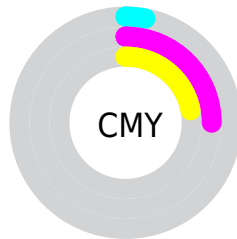
- Red (97%)
- Green (75%)
- Blue (78%)



- Red (97%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (23%)
- Yellow (19%)
- Black (3%)





- Cyan (3%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 67.1966, 60.7712, 62.8320 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 67.1966, 60.7712, 62.8320 by changing the saturation by 10% instead.


 67.1966, 60.7712,
62.8320

 67.1966, 60.7712,
62.8320


440.0657,
427.4346, 453.0507

 49.5157, 44.0405,
45.2652


 114.2503,
105.9476, 110.5103

 35.2450, 30.7024,
31.3219


144.3538,
135.1621, 141.4589

 24.0190, 20.3723,
20.5836


179.3290,
169.3067, 177.7052

 15.4725, 12.6660,
12.6317

219.5410,
208.7657, 219.6677

 9.2402, 7.1989,
7.0477

265.3554,
253.9237, 267.7650

 4.9565, 3.5868,
3.4130


317.1374,

 2.2563, 1.4452,


305.1649, 322.4155


1.3092


375.2524,
362.8737, 384.0379


 0.7721, 0.2497,
0.0693


 0.0000, 0.0000,
0.0000


 67.1966, 60.7712,
62.8320


 67.1966, 60.7712,
62.8320


 60.0693, 50.0754,
49.4838

 75.5510, 73.4125,
78.1552

 54.1059, 41.2204,
38.0261

 85.1817, 88.0806,
95.5258

 49.2452, 34.1044,
28.3738

 92.1681, 98.5143,
108.7651

 45.4182, 28.6123,
20.4335

■ 42.5481, 24.6149,
14.1035

■ 40.5468, 21.9635,
9.2709

■ 39.3093, 20.4781,
5.8073

■ 38.8000, 19.9511,
4.1221

Harmonies

Analogous

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



66.5261, 60.7712, 76.5663



67.1966, 60.7712, 62.8320



65.2320, 60.7712, 51.6140

Triad

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



67.1966, 60.7712, 62.8320



52.4259, 60.7712, 47.6859



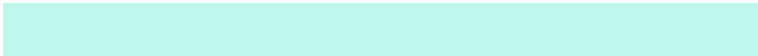
54.3745, 60.7712, 93.0998

Complementary

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



67.1966, 60.7712, 62.8320



69.7845, 83.5847, 92.5803

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.



50.8837, 60.7712, 83.2326



67.1966, 60.7712, 62.8320



49.8021, 60.7712, 56.7592

Square

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



67.1966, 60.7712, 62.8320



56.5838, 60.7712, 43.6748



49.2532, 60.7712, 69.6232



58.9549, 60.7712, 95.3039

Rectangle

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



67.1966, 60.7712, 62.8320



62.7520, 60.7712, 46.6380



49.2532, 60.7712, 69.6232



53.0423, 60.7712, 90.5102

Sweetspot

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



67.1983, 60.7740, 62.8333



87.3375, 88.2232, 95.0823



69.9789, 61.4724, 96.1734



18.5585, 18.6772, 20.1077



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.



67.1983, 60.7740, 62.8333



68.2752, 59.3661, 60.1576



70.2221, 68.6305, 58.2645



16.6177, 16.5299, 17.7336



20.5557, 10.5657, 2.3690



1.8393, 0.9417, 0.3802

Inverse Universe

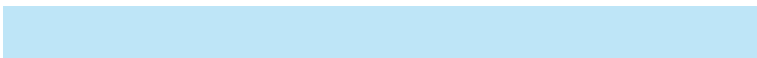
The Inverse Universe completely reimagines the original color for something new.



67.1983, 60.7740, 62.8333



68.2752, 59.3661, 60.1576



66.0315, 73.6757, 98.7369



16.6177, 16.5299, 17.7336



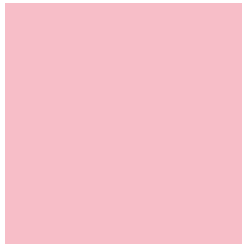
20.5557, 10.5657, 2.3690



1.8393, 0.9417, 0.3802

Previews

White Background



This preview shows how the XYZ color 67.1966, 60.7712, 62.8320 looks on a white background.

Color Contrast Check

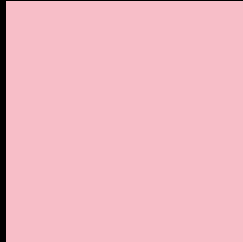
Large Text (above 18pt) WCAG AA × Fail

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 67.1966, 60.7712, 62.8320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

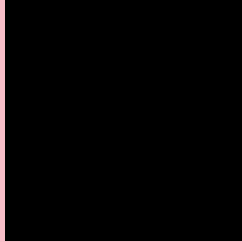
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.1966, 60.7712, 62.8320

Background



This preview shows how black text looks on a background with the XYZ color 67.1966, 60.7712, 62.8320.



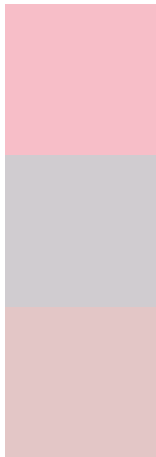
This preview shows how white text looks on a background with the XYZ color 67.1966, 60.7712,

62.8320.

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

67.1966, 60.7712, 62.8320

Protanopia

58.9905, 61.1497, 68.3684

Deuteranopia

62.0657, 60.7963, 61.8897



Tritanopia

67.4545, 60.5290, 65.2548

Trichromacy



Original Color

67.1966, 60.7712, 62.8320

Protanomaly

61.5671, 60.7842, 66.2452

Deuteranomaly

63.7556, 60.6462, 62.3784

Tritanomaly

67.3349, 60.4811, 64.6250

Monochromacy



Original Color

67.1966, 60.7712, 62.8320

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

62.0303, 61.7107, 66.3996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1966, 60.7712, 62.8320 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(247, 190, 200)` looks like.

```
.text, #text, p{  
    color:rgb(247, 190, 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(247, 190, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 190, 200) }
```

Border

The CSS property to change the border of an element to XYZ 67.1966, 60.7712, 62.8320 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(247, 190, 200) }
```


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

```
.border{ border-color:rgb(247, 190, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 190, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 190, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 190, 200);  
box-shadow:4px 4px 4px 4px rgb(247, 190,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1966, 60.7712, 62.8320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 190, 200) }
```

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

```
.background{ background-color: rgb(247,  
190, 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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