

Converting Colors

XYZ(64.9942, 60.2328, 62.4555)

Have a look what the booklet for
XYZ(64.9942, 60.2328, 62.4555)
contains.

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Color

**XYZ(65.0936, 60.3481,
62.2504)**

Conversions

Conversions Part 1

Format	Color
Hex	F0C0C7
RGB	240, 192, 199
RGB Percent	94%, 75%, 78%
CMY	0.0588, 0.2470, 0.2196
CMYK	0.00, 0.20, 0.17, 0.06
HSL	351°, 62%, 85%
HSV	351°, 20%, 94%
XYZ	65.0936, 60.3481, 62.2504
YIQ	207.1500, 26.3610, 12.3530

Conversions

Conversions Part 2

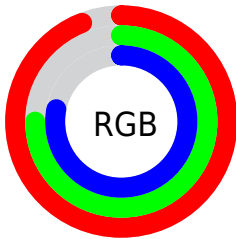
Format	Color
R _Y B	240, 192, 199
Decimal	15777991
CIE Lab	82.03, 18.20, 3.02
CIE LCh	82, 18.446, 9.419
Yxy	60.3481, 0.3468, 0.3215
Android (android.graphics.Color)	4293968071 (0xFFFF0C0C7)
YUV	207.1500, -4.0180, 28.8094
Hunter-Lab	77.6840, 13.6230, 6.8681

Details

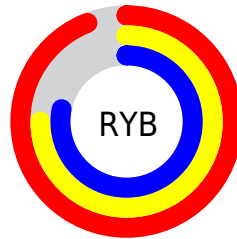
The XYZ color **65.0936, 60.3481, 62.2504** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.6087, 79.4112, 88.8592**, and the grayscale version is **59.4194, 62.5139, 68.0776**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **33.7278, 30.2886, 30.8567** is the 20% darker color. If you saturate the color by 10%, you get **58.0252, 49.7673, 48.9307**, and if you desaturate by 10%, it is **73.3453, 72.7812, 77.5482**.

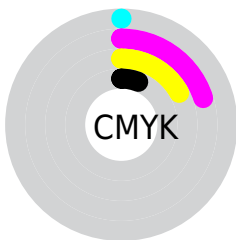
Distribution



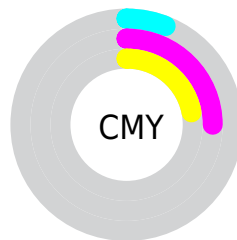
- Red (94%)
- Green (75%)
- Blue (78%)



- Red (94%)
- Yellow (75%)
- Blue (78%)



- Cyan (0%)
- Magenta (20%)
- Yellow (17%)
- Black (6%)





- Cyan (6%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.0936, 60.3481, 62.2504 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 65.0936, 60.3481, 62.2504 by changing the saturation by 10% instead.


 65.0936, 60.3481,
62.2504

 65.0936, 60.3481,
62.2504


432.6681,
425.8797, 450.8767

 47.8020, 43.6993,
44.7980


 111.2494,
105.3345, 109.6625

 33.8807, 30.4342,
30.9565


140.8442,
134.4408, 140.4591

 22.9644, 20.1684,
20.3076


175.2709,
168.4684, 176.5410

 14.6878, 12.5175,
12.4325

214.8946,
207.8017, 218.3266

 8.6854, 7.0971,
6.9129

260.0809,
252.8251, 266.2344

 4.5920, 3.5229,
3.3300


311.1950,

 2.0422, 1.4104,


303.9230, 320.6830


1.2655


368.6023,
361.4797, 382.0909


 0.6575, 0.2244,
0.0333


 0.0000, 0.0000,
0.0000


 65.0936, 60.3481,
62.2504


 65.0936, 60.3481,
62.2504

 58.0252, 49.7673,
48.9307


 73.3453, 72.7812,
77.5482

 52.0809, 40.9422,
37.5043

 82.8262, 87.1407,
94.8966

 47.2035, 33.7801,
27.8860

 89.7454, 97.2654,
108.6517

 43.3293, 28.1764,
19.9825

■ 40.3871, 24.0144,
13.6920

■ 38.2967, 21.1614,
8.9017

■ 36.9635, 19.4594,
5.4839

■ 36.2386, 18.6467,
3.2782

■ 36.2385, 18.6466,
3.2778

Harmonies

Analogous

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



64.6830, 60.3481, 73.5654



65.0936, 60.3481, 62.2504



63.3602, 60.3481, 52.9725

Triad

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



65.0936, 60.3481, 62.2504



52.7200, 60.3481, 50.4507



54.7587, 60.3481, 87.9777

Complementary

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



65.0936, 60.3481, 62.2504



67.6087, 79.4112, 88.8592

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.



51.7493, 60.3481, 80.3386



65.0936, 60.3481, 62.2504



50.6099, 60.3481, 58.4325

Square

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



65.0936, 60.3481, 62.2504



56.1384, 60.3481, 46.6880



50.2628, 60.3481, 69.2930



58.5973, 60.3481, 89.2999

Rectangle

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



65.0936, 60.3481, 62.2504



61.2664, 60.3481, 48.8729



50.2628, 60.3481, 69.2930



53.6215, 60.3481, 86.0253

Sweetspot

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



65.0953, 60.3508, 62.2517



88.3283, 89.8103, 96.6290



68.1187, 61.2834, 90.6772



18.7560, 18.9963, 20.4079



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.



65.0953, 60.3508, 62.2517



71.2335, 64.0531, 64.9343



68.2029, 67.8362, 59.3717



15.8667, 15.7964, 16.8540



19.8665, 10.2190, 1.9478



1.6813, 0.8616, 0.3125

Inverse Universe

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



65.0953, 60.3508, 62.2517



71.2335, 64.0531, 64.9343



63.9098, 70.3821, 92.6552



15.8667, 15.7964, 16.8540



19.8665, 10.2190, 1.9478



1.6813, 0.8616, 0.3125

Previews

White Background



This preview shows how the XYZ color 65.0936, 60.3481, 62.2504 looks on a white background.

Color Contrast Check

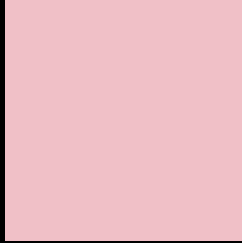
Large Text (above 18pt) WCAG AA × Fail

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 65.0936, 60.3481, 62.2504 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 65.0936, 60.3481, 62.2504

Background



This preview shows how black text looks on a background with the XYZ color 65.0936, 60.3481, 62.2504.



This preview shows how white text looks on a background with the XYZ color 65.0936, 60.3481,

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

65.0936, 60.3481, 62.2504

Protanopia

58.1075, 60.3850, 66.3505

Deuteranopia

61.5233, 60.1785, 61.7991



Tritanopia

66.0470, 60.4186, 66.5734

Trichromacy



Original Color

65.0936, 60.3481, 62.2504

Protanomaly

60.4163, 60.2187, 64.9390

Deuteranomaly

62.6631, 60.0964, 61.7231

Tritanomaly

65.6859, 60.2742, 64.6720

Monochromacy



Original Color

65.0936, 60.3481, 62.2504

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

61.2330, 61.6608, 65.8011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0936, 60.3481, 62.2504 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(240, 192, 199)` looks like.

```
.text, #text, p{  
    color:rgb(240, 192, 199)  
}
```

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(240, 192, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 192, 199) }
```

Border

The CSS property to change the border of an element to XYZ 65.0936, 60.3481, 62.2504 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(240, 192, 199) }
```


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

```
.border{ border-color:rgb(240, 192, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 192, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 192, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 192, 199);  
box-shadow:4px 4px 4px 4px rgb(240, 192,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0936, 60.3481, 62.2504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 192, 199) }
```

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

```
.background{ background-color: rgb(240,  
192, 199) }
```

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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