

Converting Colors

XYZ(65.3090, 60.7812, 62.3229)

Have a look what the booklet for
XYZ(65.3090, 60.7812, 62.3229)
contains.

XYZ(65.3139, 60.7887, 62.3238)	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(65.3139, 60.7887,
62.3238)**

Conversions

Conversions Part 1

Format	Color
Hex	F0C1C7
RGB	240, 193, 199
RGB Percent	94%, 76%, 78%
CMY	0.0588, 0.2431, 0.2196
CMYK	0.00, 0.20, 0.17, 0.06
HSL	352°, 61%, 85%
HSV	352°, 20%, 94%
XYZ	65.3139, 60.7887, 62.3238
YIQ	207.7370, 26.0860, 11.8300

Conversions

Conversions Part 2

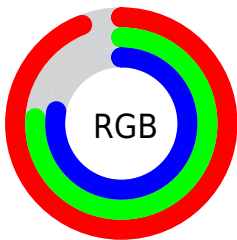
Format	Color
R _Y B	240, 193, 199
Decimal	15778247
CIE Lab	82.27, 17.67, 3.36
CIE LCh	82, 17.985, 10.780
Yxy	60.7887, 0.3466, 0.3226
Android (android.graphics.Color)	4293968327 (0xFFFF0C1C7)
YUV	207.7370, -4.3073, 28.2947
Hunter-Lab	77.9671, 13.0890, 7.1829

Details

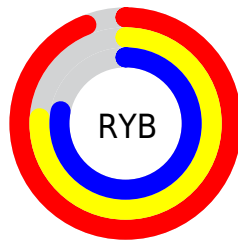
The XYZ color **65.3139, 60.7887, 62.3238** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.0061, 79.5995, 89.6257**, and the grayscale version is **59.8005, 62.9148, 68.5142**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **33.8719, 30.5769, 30.9047** is the 20% darker color. If you saturate the color by 10%, you get **58.1666, 50.1203, 48.7612**, and if you desaturate by 10%, it is **73.6600, 73.3182, 77.9377**.

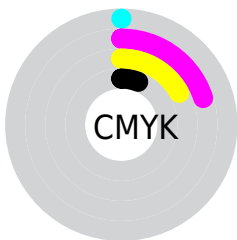
Distribution



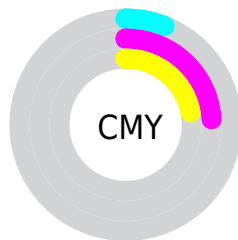
- Red (94%)
- Green (76%)
- Blue (78%)



- Red (94%)
- Yellow (76%)
- Blue (78%)



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





- Cyan (6%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.3139, 60.7887, 62.3238 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 65.3139, 60.7887, 62.3238 by changing the saturation by 10% instead.


 65.3139, 60.7887,
62.3238

 65.3139, 60.7887,
62.3238


433.4465,
427.4988, 451.1514

 47.9813, 44.0547,
44.8569

 111.5642,
105.9729, 109.7695

 34.0233, 30.7135,
31.0026


141.2127,
135.1919, 140.5854

 23.0744, 20.3808,
20.3424

175.6971,
169.3413, 176.6881

 14.7695, 12.6721,
12.4576

215.3829,
208.8056, 218.4960

 8.7430, 7.2032,
6.9298

260.6353,
253.9691, 266.4278

 4.6297, 3.5895,
3.3405

311.8199,

 2.0642, 1.4467,

305.2162, 320.9019

1.2710

369.3018,
362.9313, 382.3369

0.6696, 0.2508,
0.0378

0.0000, 0.0000,
0.0000

65.3139, 60.7887,
62.3238

65.3139, 60.7887,
62.3238

58.1666, 50.1203,
48.7612

73.6600, 73.3182,
77.9377

52.1581, 41.2165,
37.1608

83.2513, 87.7830,
95.6793

47.2307, 33.9844,
27.4325

89.7454, 97.2654,
108.6517

43.3194, 28.3193,
19.4778

■ 40.3526, 24.1049,
13.1888

■ 38.2489, 21.2084,
8.4459

■ 36.9128, 19.4727,
5.1134

■ 36.2002, 18.6488,
3.0225

■ 36.1777, 18.6223,
2.9578

Harmonies

Analogous

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



65.0101, 60.7887, 73.3730



65.3139, 60.7887, 62.3238



63.5323, 60.7887, 53.3533

Triad

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



65.3139, 60.7887, 62.3238



53.1026, 60.7887, 51.4757



55.3886, 60.7887, 88.1544

Complementary

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



65.3139, 60.7887, 62.3238



68.0061, 79.5995, 89.6257

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.



52.3818, 60.7887, 80.9330



65.3139, 60.7887, 62.3238



51.1029, 60.7887, 59.4891

Square

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



65.3139, 60.7887, 62.3238



56.4121, 60.7887, 47.5659



50.8450, 60.7887, 70.2099



59.1654, 60.7887, 89.1300

Rectangle

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



65.3139, 60.7887, 62.3238



61.4458, 60.7887, 49.4437



50.8450, 60.7887, 70.2099



54.2588, 60.7887, 86.3423

Sweetspot

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



65.3156, 60.7915, 62.3251



88.2866, 89.7936, 96.4093



68.6441, 61.8813, 90.7649



18.7462, 18.9923, 20.3562



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.



65.3156, 60.7915, 62.3251



71.9380, 65.2495, 65.8243



68.6669, 68.5863, 60.0748



15.8549, 15.7917, 16.7919



19.8304, 10.2046, 1.7575



1.6757, 0.8593, 0.2831

Inverse Universe

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



65.3156, 60.7915, 62.3251



71.9380, 65.2495, 65.8243



64.0481, 70.2816, 92.6285



15.8549, 15.7917, 16.7919



19.8304, 10.2046, 1.7575



1.6757, 0.8593, 0.2831

Previews

White Background



This preview shows how the XYZ color 65.3139, 60.7887, 62.3238 looks on a white background.

Color Contrast Check

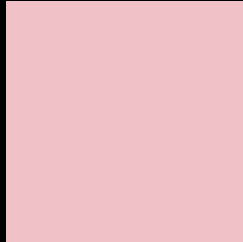
Large Text (above 18pt) WCAG AA × Fail

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 65.3139, 60.7887, 62.3238 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 65.3139, 60.7887, 62.3238

Background



This preview shows how black text looks on a background with the XYZ color 65.3139, 60.7887, 62.3238.



This preview shows how white text looks on a background with the XYZ color 65.3139, 60.7887,

62.3238.

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

65.3139, 60.7887, 62.3238

Protanopia

58.6247, 61.0034, 66.4426

Deuteranopia

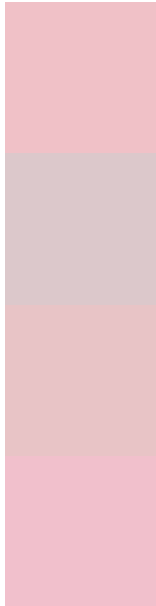
62.0657, 60.7963, 61.8897



Tritanopia

66.3877, 60.9050, 67.2883

Trichromacy



Original Color

65.3139, 60.7887, 62.3238

Protanomaly

60.9490, 60.8360, 65.0301

Deuteranomaly

63.2117, 60.7129, 61.8132

Tritanomaly

66.0243, 60.7597, 65.3747

Monochromacy



Original Color

65.3139, 60.7887, 62.3238

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.8906, 62.3353, 66.5275

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3139, 60.7887, 62.3238 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, 193, 199)` looks like.

```
.text, #text, p{  
    color:rgb(240, 193, 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, 193, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 193, 199) }
```

Border

The CSS property to change the border of an element to XYZ 65.3139, 60.7887, 62.3238 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, 193, 199) }
```


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

```
.border{ border-color:rgb(240, 193, 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, 193, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 193, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 193, 199);  
box-shadow:4px 4px 4px 4px rgb(240, 193,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3139, 60.7887, 62.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 193, 199) }
```

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

```
.background{ background-color: rgb(240,  
193, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor