

Converting Colors

XYZ(60.5657, 51.2429, 63.8254)

Have a look what the booklet for
XYZ(60.5657, 51.2429, 63.8254)
contains.

XYZ(60.5337, 51.2862, 63.8355)	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(60.5337, 51.2862,
63.8355)**

Conversions

Conversions Part 1

Format	Color
Hex	EEAACC
RGB	238, 170, 204
RGB Percent	93%, 67%, 80%
CMY	0.0667, 0.3333, 0.2000
CMYK	0.00, 0.29, 0.14, 0.07
HSL	330°, 67%, 80%
HSV	330°, 29%, 93%
XYZ	60.5337, 51.2862, 63.8355
YIQ	194.2080, 29.6140, 24.9900

Conversions

Conversions Part 2

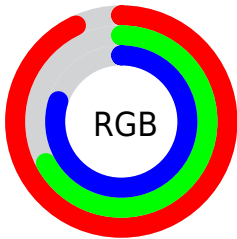
Format	Color
R _Y B	238, 170, 204
Decimal	15641292
CIE Lab	76.85, 29.96, -7.30
CIE LCh	77, 30.838, 346.306
Yxy	51.2862, 0.3446, 0.2920
Android (android.graphics.Color)	4293831372 (0xFFEEAACC)
YUV	194.2080, 4.8275, 38.4056
Hunter-Lab	71.6144, 25.5560, -2.7197

Details

The XYZ color **60.5337, 51.2862, 63.8355** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **58.0533, 74.0562, 68.3647**, and the grayscale version is **51.3626, 54.0374, 58.8468**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **30.9224, 24.7483, 32.0013** is the 20% darker color. If you saturate the color by 10%, you get **55.0963, 42.6087, 55.2479**, and if you desaturate by 10%, it is **66.8908, 61.6272, 73.2690**.

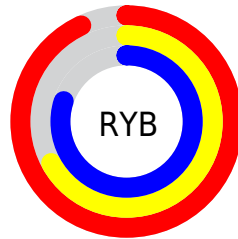
Distribution



Red (93%)

Green (67%)

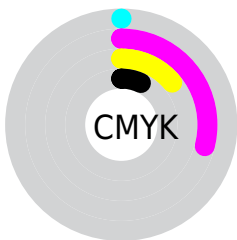
Blue (80%)



Red (93%)

Yellow (67%)

Blue (80%)

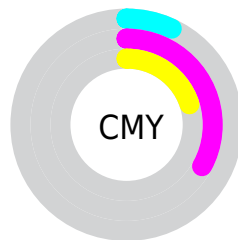


Cyan (0%)

Magenta (29%)

Yellow (14%)

Black (7%)



Cyan (7%)


Magenta (33%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5337, 51.2862, 63.8355 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 60.5337, 51.2862, 63.8355 by changing the saturation by 10% instead.


 60.5337, 51.2862,
63.8355

 60.5337, 51.2862,
63.8355


416.3655,
391.6747, 456.7865

 44.1001, 36.4364,
46.0721

 104.7054, 92.0777,
111.9712

 30.9474, 24.7714,
31.9537


133.1742,
118.7882, 143.1806

 20.7105, 15.9069,
21.0616


166.3854,
150.2211, 179.7090

 13.0238, 9.4583,
12.9773

204.7045,
186.7607, 221.9751

 7.5220, 5.0413,
7.2824

248.4966,
228.7915, 270.3974

 3.8399, 2.2715,
3.5582

298.1273,

 1.6119, 0.7586,

276.6978, 325.3943

1.3863

353.9618,
330.8641, 387.3845

■ 0.4002, 0.0000,
0.1310

■ 0.0000, 0.0000,
0.0000

■ 60.5337, 51.2862,
63.8355

■ 60.5337, 51.2862,
63.8355

■ 55.0963, 42.6087,
55.2479

■ 66.8908, 61.6272,
73.2690

■ 50.5282, 35.4996,
47.4756

■ 74.2057, 73.7064,
83.5710

■ 46.7805, 29.8647,
40.4907

■ 82.5199, 87.6021,
94.7670

■ 43.7976, 25.5969,
34.2617

■ 88.5282, 96.7005,
105.7662

■ 41.5164, 22.5743,
28.7543

■ 89.0702, 96.9173,
108.6201

■ 39.8626, 20.6529,
23.9298

■ 38.7297, 19.6242,
19.7380

■ 38.5895, 19.5090,
19.1823

Harmonies

Analogous

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



57.3555, 51.2862, 81.2331



60.5337, 51.2862, 63.8355



60.3803, 51.2862, 47.2628

Triad

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



60.5337, 51.2862, 63.8355



45.6503, 51.2862, 30.2427



41.3689, 51.2862, 82.5755

Complementary

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



60.5337, 51.2862, 63.8355



58.0533, 74.0562, 68.3647

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.



38.7113, 51.2862, 65.4012



60.5337, 51.2862, 63.8355



41.0443, 51.2862, 36.3840

Square

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



60.5337, 51.2862, 63.8355



51.4626, 51.2862, 29.9905



38.5974, 51.2862, 48.5452



46.1267, 51.2862, 93.4293

Rectangle

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



60.5337, 51.2862, 63.8355



58.4021, 51.2862, 38.8311



38.5974, 51.2862, 48.5452



40.2176, 51.2862, 77.2114

Sweetspot

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



60.5352, 51.2885, 63.8366



86.3677, 85.5042, 97.1616



54.7113, 47.7625, 87.2251



18.2051, 17.8350, 20.4077



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.



60.5352, 51.2885, 63.8366



67.1373, 54.1118, 68.9604



56.8922, 49.8313, 44.6529



16.1024, 15.8907, 18.0955



21.5943, 10.9101, 11.0458



1.8467, 0.9277, 1.1834

Inverse Universe

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



60.5352, 51.2885, 63.8366



67.1373, 54.1118, 68.9604



62.5863, 75.8694, 92.2352



16.1024, 15.8907, 18.0955



21.5943, 10.9101, 11.0458



1.8467, 0.9277, 1.1834

Previews

White Background



This preview shows how the XYZ color 60.5337, 51.2862, 63.8355 looks on a white background.

Color Contrast Check

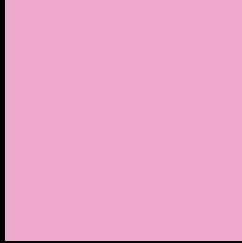
Large Text (above 18pt) WCAG AA × Fail

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 60.5337, 51.2862, 63.8355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

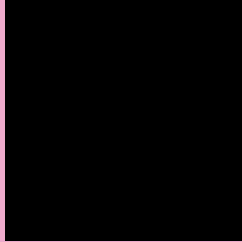
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5337, 51.2862, 63.8355

Background



This preview shows how black text looks on a background with the XYZ color 60.5337, 51.2862, 63.8355.



This preview shows how white text looks on a background with the XYZ color 60.5337, 51.2862,

63.8355.

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

60.5337, 51.2862, 63.8355

Protanopia

50.8420, 51.7922, 72.2830

Deuteranopia

52.3117, 51.1945, 62.3827



Tritanopia

58.3986, 51.2652, 53.2716

Trichromacy



Original Color

60.5337, 51.2862, 63.8355



Protanomaly

53.7885, 51.1885, 69.3328



Deuteranomaly

55.0997, 51.1034, 62.8370



Tritanomaly

59.3032, 51.3598, 57.2399

Monochromacy



Original Color

60.5337, 51.2862, 63.8355



Achromatopsia

51.2775, 53.9479, 58.7493



Achromatomaly

54.1203, 52.4768, 60.7027

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5337, 51.2862, 63.8355 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(238, 170, 204)` looks like.

```
.text, #text, p{  
    color:rgb(238, 170, 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(238, 170, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 170, 204) }
```

Border

The CSS property to change the border of an element to XYZ 60.5337, 51.2862, 63.8355 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(238, 170, 204) }
```


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

```
.border{ border-color:rgb(238, 170, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 170, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 170, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 170, 204);  
box-shadow:4px 4px 4px 4px rgb(238, 170,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5337, 51.2862, 63.8355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 170, 204) }
```

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

```
.background{ background-color: rgb(238,  
170, 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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