

Converting Colors

XYZ(60.6285, 51.5866, 65.1543)

Have a look what the booklet for
XYZ(60.6285, 51.5866, 65.1543)
contains.

XYZ(60.6285, 51.5866, 65.1543)	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(60.6285, 51.5866,
65.1543)**

Conversions

Conversions Part 1

Format	Color
Hex	EDABCE
RGB	237, 171, 206
RGB Percent	93%, 67%, 81%
CMY	0.0706, 0.3294, 0.1922
CMYK	0.00, 0.28, 0.13, 0.07
HSL	328°, 65%, 80%
HSV	328°, 28%, 93%
XYZ	60.6285, 51.5866, 65.1543
YIQ	194.7240, 28.1010, 24.8770

Conversions

Conversions Part 2

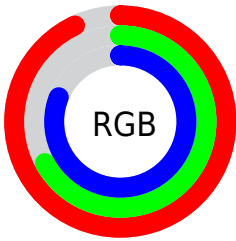
Format	Color
R _Y B	237, 171, 206
Decimal	15576014
CIE Lab	77.03, 29.41, -8.13
CIE LCh	77, 30.510, 344.539
Yxy	51.5866, 0.3418, 0.2908
Android (android.graphics.Color)	4293766094 (0xFFEDABCE)
YUV	194.7240, 5.5591, 37.0761
Hunter-Lab	71.8238, 24.9852, -3.5077

Details

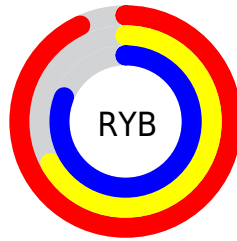
The XYZ color **60.6285, 51.5866, 65.1543** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.7415, 73.4919, 67.0225**, and the grayscale version is **51.6651, 54.3557, 59.1934**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **30.9683, 24.9272, 32.8850** is the 20% darker color. If you saturate the color by 10%, you get **55.2421, 42.9015, 56.9211**, and if you desaturate by 10%, it is **66.9163, 61.9199, 74.1617**.

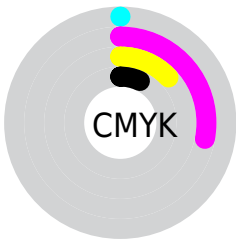
Distribution



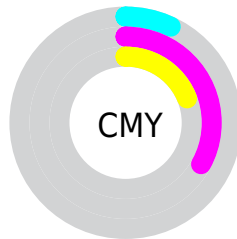
- Red (93%)
- Green (67%)
- Blue (81%)



- Red (93%)
- Yellow (67%)
- Blue (81%)



- Cyan (0%)
- Magenta (28%)
- Yellow (13%)
- Black (7%)



- Cyan (7%)
- Magenta (33%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.6285, 51.5866, 65.1543 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 60.6285, 51.5866, 65.1543 by changing the saturation by 10% instead.


 60.6285, 51.5866,
65.1543

 60.6285, 51.5866,
65.1543


416.7083,
392.8386, 461.6676

 44.1768, 36.6757,
47.1341


 104.8420, 92.5213,
113.8871

 31.0080, 24.9565,
32.7865


133.3346,
119.3138, 145.4367

 20.7568, 16.0446,
21.6932


166.5714,
150.8357, 182.3332

 13.0578, 9.5557,
13.4355

204.9180,
187.4712, 224.9951

 7.5456, 5.1054,
7.5949

248.7396,
229.6049, 273.8409

 3.8550, 2.3092,
3.7528

298.4016,

 1.6204, 0.7786,

277.6211, 329.2893

1.4907

354.2694,
331.9042, 391.7587

■ 0.4057, 0.0000,
0.2110

■ 0.0000, 0.0000,
0.0000

■ 60.6285, 51.5866,
65.1543

■ 60.6285, 51.5866,
65.1543

■ 55.2421, 42.9015,
56.9211

■ 66.9163, 61.9199,
74.1617

■ 50.7077, 35.7709,
49.4344

■ 74.1427, 73.9745,
83.9635

■ 46.9779, 30.1027,
42.6687

■ 82.3480, 87.8276,
94.5828

■ 43.9985, 25.7918,
36.5957

■ 88.0240, 96.4601,
104.8592

■ 41.7083, 22.7189,
31.1842

■ 88.7353, 96.7446,
108.6045

■ 40.0351, 20.7440,
26.3990

■ 38.8818, 19.6759,
22.1959

■ 38.6702, 19.5026,
21.3552

Harmonies

Analogous

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



57.3076, 51.5866, 82.2524



60.6285, 51.5866, 65.1543



60.6822, 51.5866, 48.5009

Triad

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



60.6285, 51.5866, 65.1543



46.2753, 51.5866, 30.5052



41.4792, 51.5866, 81.7828

Complementary

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



60.6285, 51.5866, 65.1543



57.7415, 73.4919, 67.0225

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.



38.9765, 51.5866, 64.6055



60.6285, 51.5866, 65.1543



41.5932, 51.5866, 36.2805

Square

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



60.6285, 51.5866, 65.1543



52.0760, 51.5866, 30.5942



39.0165, 51.5866, 48.0503



46.1081, 51.5866, 93.0707

Rectangle

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



60.6285, 51.5866, 65.1543



58.8404, 51.5866, 39.8860



39.0165, 51.5866, 48.0503



40.3782, 51.5866, 76.3716

Sweetspot

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



60.6300, 51.5889, 65.1554



87.3792, 87.0660, 98.9209



54.1541, 47.7716, 86.4879



18.4119, 18.1481, 20.7864



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.



60.6300, 51.5889, 65.1554



68.1012, 55.2598, 71.6857



57.0520, 50.1578, 46.3140



15.3993, 15.1876, 17.3879



21.1794, 10.6744, 12.0119



1.7117, 0.8576, 1.1990

Inverse Universe

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



60.6300, 51.5889, 65.1554



68.1012, 55.2598, 71.6857



62.0469, 75.2140, 89.6940



15.3993, 15.1876, 17.3879



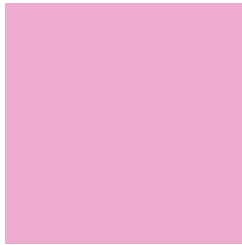
21.1794, 10.6744, 12.0119



1.7117, 0.8576, 1.1990

Previews

White Background



This preview shows how the XYZ color 60.6285, 51.5866, 65.1543 looks on a white background.

Color Contrast Check

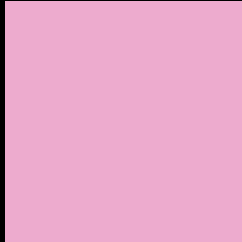
Large Text (above 18pt) WCAG AA × Fail

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 60.6285, 51.5866, 65.1543 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 60.6285, 51.5866, 65.1543

Background



This preview shows how black text looks on a background with the XYZ color 60.6285, 51.5866, 65.1543.



This preview shows how white text looks on a background with the XYZ color 60.6285, 51.5866,

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

60.6285, 51.5866, 65.1543

Protanopia

50.9717, 51.8440, 72.9660

Deuteranopia

52.7571, 51.7062, 63.6996



Tritanopia

58.4741, 51.5651, 54.4481

Trichromacy



Original Color

60.6285, 51.5866, 65.1543



Protanomaly

53.9150, 51.2391, 69.9993



Deuteranomaly

55.2447, 51.4492, 64.1457



Tritanomaly

59.3860, 51.6601, 58.4712

Monochromacy



Original Color

60.6285, 51.5866, 65.1543



Achromatopsia

51.8711, 54.5724, 59.4294



Achromatomaly

54.4461, 52.9430, 61.3822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6285, 51.5866, 65.1543 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(237, 171, 206)` looks like.

```
.text, #text, p{  
    color:rgb(237, 171, 206)  
}
```

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(237, 171, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 171, 206) }
```

Border

The CSS property to change the border of an element to XYZ 60.6285, 51.5866, 65.1543 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(237, 171, 206) }
```


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

```
.border{ border-color:rgb(237, 171, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 171, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 171, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 171, 206);  
box-shadow:4px 4px 4px 4px rgb(237, 171,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6285, 51.5866, 65.1543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 171, 206) }
```

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

```
.background{ background-color: rgb(237,  
171, 206) }
```

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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