

Converting Colors

XYZ(60.1940, 60.1008, 65.1371)

Have a look what the booklet for
XYZ(60.1940, 60.1008, 65.1371)
contains.

XYZ(60.1164, 60.0641, 64.9250)	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(60.1164, 60.0641,
64.9250)**

Conversions

Conversions Part 1

Format	Color
Hex	DAC7CB
RGB	218, 199, 203
RGB Percent	85%, 78%, 80%
CMY	0.1451, 0.2196, 0.2039
CMYK	0.00, 0.09, 0.07, 0.15
HSL	347°, 20%, 82%
HSV	347°, 9%, 85%
XYZ	60.1164, 60.0641, 64.9250
YIQ	205.1370, 10.0400, 5.2720

Conversions

Conversions Part 2

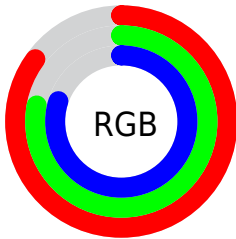
Format	Color
R _Y B	218, 199, 203
Decimal	14337995
CIE Lab	81.87, 7.33, 0.41
CIE LCh	82, 7.340, 3.196
Yxy	60.0641, 0.3248, 0.3245
Android (android.graphics.Color)	4292528075 (0xFFDAC7CB)
YUV	205.1370, -1.0535, 11.2809
Hunter-Lab	77.5010, 2.8330, 4.5817

Details

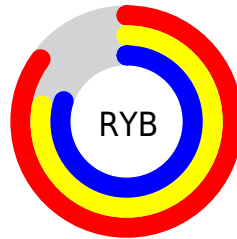
The XYZ color **60.1164, 60.0641, 64.9250** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7645, 67.1416, 73.3787**, and the grayscale version is **58.1190, 61.1457, 66.5876**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.6545, 30.2073, 32.6487** is the 20% darker color. If you saturate the color by 10%, you get **53.5168, 49.9671, 53.1600**, and if you desaturate by 10%, it is **67.6657, 71.6945, 78.1319**.

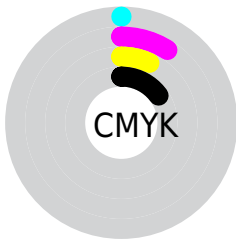
Distribution



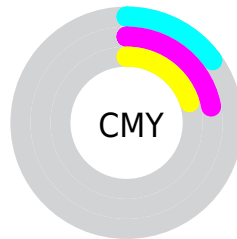
- Red (85%)
- Green (78%)
- Blue (80%)



- Red (85%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (15%)



- Cyan (15%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1164, 60.0641, 64.9250 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 60.1164, 60.0641, 64.9250 by changing the saturation by 10% instead.

60.1164, 60.0641,
64.9250

60.1164, 60.0641,
64.9250

414.8546,
424.8340, 460.8212

43.7623, 43.4703,
46.9493

104.1039,
104.9226, 113.5543

30.6808, 30.2543,
32.6415

132.4680,
133.9562, 145.0449

20.5065, 20.0317,
21.5831

165.5661,
167.9051, 181.8777

12.8742, 12.4181,
13.3555

203.7636,
207.1538, 224.4710

7.4184, 7.0291,
7.5402

247.4258,
252.0866, 273.2435

3.7737, 3.4803,
3.7187

296.9182,

1.5749, 1.3873,

303.0880, 328.6136

1.4723

352.6059,
360.5423, 391.0001

■ 0.3760, 0.2074,
0.1972

■ 0.0000, 0.0000,
0.0000

■ 60.1164, 60.0641,
64.9250

■ 60.1164, 60.0641,
64.9250

■ 53.5168, 49.9671,
53.1600

■ 67.6657, 71.6945,
78.1319

■ 47.8241, 41.3319,
42.7838

■ 76.1953, 84.9105,
92.8235

■ 42.9995, 34.0928,
33.7457

■ 82.6664, 93.6227,
108.0211

■ 38.9997, 28.1762,
25.9905

■ 82.7238, 93.6456,
108.3231

■ 35.7772, 23.5015,
19.4591

■ 33.2799, 19.9793,
14.0874

■ 31.4489, 17.5082,
9.8054

■ 30.2156, 15.9691,
6.5349

■ 29.4793, 15.1805,
4.1809

Harmonies

Analogous

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



59.7904, 60.0641, 69.3241



60.1164, 60.0641, 64.9250



59.6192, 60.0641, 60.8375

Triad

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



60.1164, 60.0641, 64.9250



55.4731, 60.0641, 58.5149



55.7559, 60.0641, 73.3164

Complementary

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



60.1164, 60.0641, 64.9250



60.7645, 67.1416, 73.3787

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.



54.6316, 60.0641, 70.1843



60.1164, 60.0641, 64.9250



54.4705, 60.0641, 61.6261

Square

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



60.1164, 60.0641, 64.9250



56.9232, 60.0641, 57.2433



54.1652, 60.0641, 65.8765



57.2554, 60.0641, 74.2960

Rectangle

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



60.1164, 60.0641, 64.9250



58.8930, 60.0641, 58.8016



54.1652, 60.0641, 65.8765



55.3224, 60.0641, 72.4736

Sweetspot

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



60.1181, 60.0667, 64.9263



91.7004, 94.8328, 103.0607



60.7778, 60.1902, 74.7450



19.4406, 20.0100, 21.7322



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.



60.1181, 60.0667, 64.9263



84.3737, 83.5661, 90.1775



60.9083, 62.3995, 62.8701



13.1676, 13.0961, 14.1436



17.6480, 9.0602, 2.5263



1.1751, 0.5997, 0.3311

Inverse Universe

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



60.1181, 60.0667, 64.9263



84.3737, 83.5661, 90.1775



59.9082, 64.6019, 75.6424



13.1676, 13.0961, 14.1436



17.6480, 9.0602, 2.5263



1.1751, 0.5997, 0.3311

Previews

White Background



This preview shows how the XYZ color 60.1164, 60.0641, 64.9250 looks on a white background.

Color Contrast Check

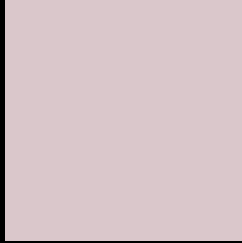
Large Text (above 18pt) WCAG AA × Fail

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 60.1164, 60.0641, 64.9250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

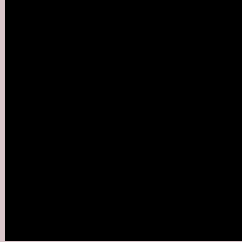
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1164, 60.0641, 64.9250

Background



This preview shows how black text looks on a background with the XYZ color 60.1164, 60.0641, 64.9250.



This preview shows how white text looks on a background with the XYZ color 60.1164, 60.0641,

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

60.1164, 60.0641, 64.9250

Protanopia

58.1075, 60.3850, 66.3505

Deuteranopia

61.1772, 59.9323, 64.8436



Tritanopia

61.1899, 59.7967, 71.2676

Trichromacy



Original Color

60.1164, 60.0641, 64.9250

Protanomaly

58.8836, 60.4496, 65.6912

Deuteranomaly

60.7924, 60.0721, 64.8909

Tritanomaly

60.9161, 60.0517, 68.7021

Monochromacy



Original Color

60.1164, 60.0641, 64.9250

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.8334, 60.7731, 65.7563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1164, 60.0641, 64.9250 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(218, 199, 203)` looks like.

```
.text, #text, p{  
    color:rgb(218, 199, 203)  
}
```

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(218, 199, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 199, 203) }
```

Border

The CSS property to change the border of an element to XYZ 60.1164, 60.0641, 64.9250 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(218, 199, 203) }
```


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

```
.border{ border-color:rgb(218, 199, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 199, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 199, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 199, 203);  
box-shadow:4px 4px 4px 4px rgb(218, 199,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1164, 60.0641, 64.9250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 199, 203) }
```

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

```
.background{ background-color: rgb(218,  
199, 203) }
```

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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