

Converting Colors

XYZ(64.8224, 65.8829, 81.9470)

Have a look what the booklet for
XYZ(64.8224, 65.8829, 81.9470)
contains.

XYZ(64.9361, 66.0863, 82.0065)	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(64.9361, 66.0863,
82.0065)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D2E3
RGB	215, 210, 227
RGB Percent	84%, 82%, 89%
CMY	0.1569, 0.1765, 0.1098
CMYK	0.05, 0.07, 0.00, 0.11
HSL	258°, 23%, 86%
HSV	258°, 7%, 89%
XYZ	64.9361, 66.0863, 82.0065
YIQ	213.4330, -2.4770, 6.3470

Conversions

Conversions Part 2

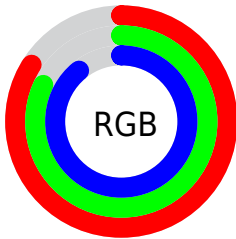
Format	Color
R _Y B	215, 210, 227
Decimal	14144227
CIE Lab	85.04, 4.85, -7.76
CIE LCh	85, 9.152, 302.021
Yxy	66.0863, 0.3048, 0.3102
Android (android.graphics.Color)	4292334307 (0xFFD7D2E3)
YUV	213.4330, 6.6885, 1.3743
Hunter-Lab	81.2935, 0.3197, -2.9046

Details

The XYZ color **64.9361, 66.0863, 82.0065** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.2285, 75.1226, 71.8274**, and the grayscale version is **63.4952, 66.8019, 72.7472**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.8321, 34.2291, 43.8535** is the 20% darker color. If you saturate the color by 10%, you get **55.2471, 53.3550, 80.0608**, and if you desaturate by 10%, it is **75.8849, 80.6507, 84.2417**.

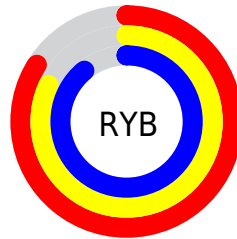
Distribution



Red (84%)

Green (82%)

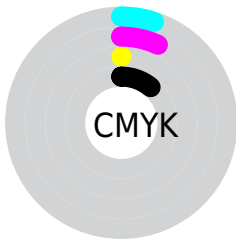
Blue (89%)



Red (84%)

Yellow (82%)

Blue (89%)

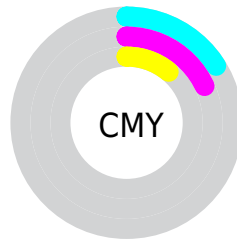


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (11%)



Cyan (16%)

Magenta (18%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9361, 66.0863, 82.0065 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 64.9361, 66.0863, 82.0065 by changing the saturation by 10% instead.

■ 64.9361, 66.0863,
82.0065

■ 64.9361, 66.0863,
82.0065

432.1111,
446.6855, 521.5535

■ 47.6738, 48.3425,
60.8350

111.0242,
113.6102, 138.0199

■ 33.7788, 34.0982,
43.6624

140.5807,
144.1590, 173.6989

■ 22.8858, 22.9690,
30.0699

174.9659,
179.7450, 215.0508

■ 14.6294, 14.5706,
19.6392

214.5453,
220.7525, 262.4942

■ 8.6443, 8.5186,
11.9516

259.6842,
267.5659, 316.4477

■ 4.5652, 4.4285,
6.5886

310.7479,

■ 2.0266, 1.9161,

320.5696, 377.3297

3.1316

368.1017,
380.1480, 445.5587

■ 0.6488, 0.5580,
1.1622

■ 0.0000, 0.0000,
0.0000

■ 64.9361, 66.0863,
82.0065

■ 64.9361, 66.0863,
82.0065

■ 55.2471, 53.3550,
80.0608

■ 75.8849, 80.6507,
84.2417

■ 46.7657, 42.3751,
78.3885

■ 88.0023, 96.8502,
86.7298

■ 39.4443, 33.0708,
76.9785

■ 90.8653, 98.3261,
86.8638

■ 33.2299, 25.3579,
75.8172

■ 28.0652, 19.1444,
74.8901

■ 23.8875, 14.3285,
74.1807

■ 20.6264, 10.7957,
73.6707

■ 18.2013, 8.4122,
73.3385

■ 16.5086, 7.0007,
73.1552

Harmonies

Analogous

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



62.9528, 66.0863, 83.8956



64.9361, 66.0863, 82.0065



66.3753, 66.0863, 77.4094

Triad

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



64.9361, 66.0863, 82.0065



64.6892, 66.0863, 62.3992



58.9383, 66.0863, 72.3574

Complementary

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



64.9361, 66.0863, 82.0065



69.2285, 75.1226, 71.8274

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.



59.3806, 66.0863, 66.7664



64.9361, 66.0863, 82.0065



62.6735, 66.0863, 61.2079

Square

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



64.9361, 66.0863, 82.0065



66.2305, 66.0863, 66.1097



60.7368, 66.0863, 62.7635



59.5152, 66.0863, 78.1388

Rectangle

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



64.9361, 66.0863, 82.0065



66.8167, 66.0863, 73.5425



60.7368, 66.0863, 62.7635



58.9726, 66.0863, 70.3940

Sweetspot

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



64.9380, 66.0891, 82.0080



92.1322, 96.1126, 108.3034



66.6157, 71.5898, 82.9813



19.7507, 20.6128, 23.1876



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.



64.9380, 66.0891, 82.0080



82.4489, 83.2768, 106.3363



67.4429, 67.3804, 82.1252



13.9790, 14.0914, 18.1275



9.5272, 3.9773, 42.6487



0.7944, 0.3405, 3.1558

Inverse Universe

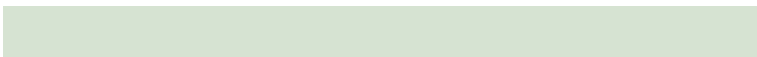
The Inverse Universe completely reimagines the original color for something new.



67.9122, 67.7009, 78.5986



87.0932, 85.7944, 100.9822



66.7434, 73.8415, 71.7111



14.8051, 14.5392, 17.1738



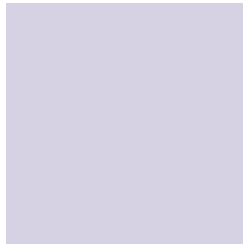
22.2423, 11.0311, 20.7025



1.6838, 0.8312, 1.7412

Previews

White Background



This preview shows how the XYZ color 64.9361, 66.0863, 82.0065 looks on a white background.

Color Contrast Check

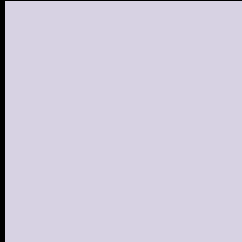
Large Text (above 18pt) WCAG AA × Fail

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 64.9361, 66.0863, 82.0065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

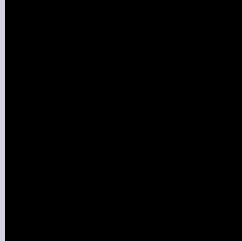
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.9361, 66.0863, 82.0065

Background



This preview shows how black text looks on a background with the XYZ color 64.9361, 66.0863, 82.0065.

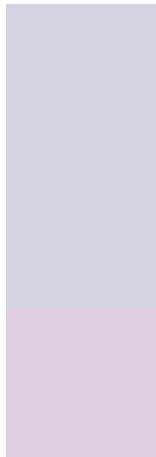


This preview shows how white text looks on a background with the XYZ color 64.9361, 66.0863,

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

64.9361, 66.0863, 82.0065

Protanopia

64.4492, 66.1870, 82.7773

Deuteranopia

67.4389, 65.9128, 82.5668



Tritanopia

64.9361, 66.0863, 82.0065

Trichromacy



Original Color

64.9361, 66.0863, 82.0065

Protanomaly

64.7384, 66.3361, 82.7909

Deuteranomaly

66.4406, 65.7567, 82.5893

Tritanomaly

64.9361, 66.0863, 82.0065

Monochromacy



Original Color

64.9361, 66.0863, 82.0065

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.9299, 66.4451, 75.7854

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9361, 66.0863, 82.0065 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(215, 210, 227) looks like.

```
.text, #text, p{  
    color:rgb(215, 210, 227)  
}
```

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(215, 210, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 210, 227) }
```

Border

The CSS property to change the border of an element to XYZ 64.9361, 66.0863, 82.0065 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(215, 210, 227) }
```


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

```
.border{ border-color:rgb(215, 210, 227) }
```

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

Here you see how a box with a 4 pixel rgb(215, 210, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 210, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 210, 227);  
box-shadow:4px 4px 4px 4px rgb(215, 210,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9361, 66.0863, 82.0065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 210, 227) }
```

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

```
.background{ background-color: rgb(215,  
210, 227) }
```

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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