

Converting Colors

XYZ(61.6349, 66.6084, 60.2509)

Have a look what the booklet for
XYZ(61.6349, 66.6084, 60.2509)
contains.

XYZ(61.6576, 66.7473, 60.0859)	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(61.6576, 66.7473,
60.0859)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D7C1
RGB	214, 215, 193
RGB Percent	84%, 84%, 76%
CMY	0.1608, 0.1568, 0.2431
CMYK	0.00, 0.00, 0.10, 0.16
HSL	63°, 22%, 80%
HSV	63°, 10%, 84%
XYZ	61.6576, 66.7473, 60.0859
YIQ	212.1930, 6.4660, -7.0540

Conversions

Conversions Part 2

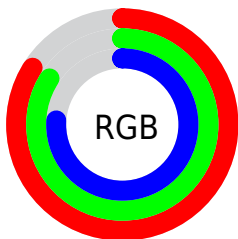
Format	Color
RYB	193, 215, 194
Decimal	14079937
CIELab	85.38, -4.13, 10.74
CIELCh	85, 11.508, 111.054
Yxy	66.7473, 0.3271, 0.3541
Android (android.graphics.Color)	4292270017 (0xFFD6D7C1)
YUV	212.1930, -9.4621, 1.5847
Hunter-Lab	81.6990, -8.2608, 13.5842

Details

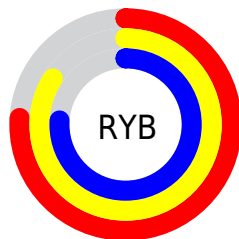
The XYZ color **61.6576, 66.7473, 60.0859** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.5865, 54.5174, 71.9922**, and the grayscale version is **62.7671, 66.0359, 71.9131**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **31.5291, 34.3766, 29.3997** is the 20% darker color. If you saturate the color by 10%, you get **59.1465, 65.7120, 48.3453**, and if you desaturate by 10%, it is **64.5228, 67.9288, 73.6660**.

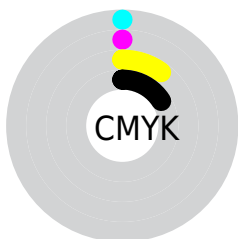
Distribution



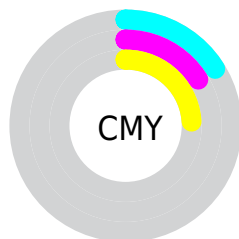
- Red (84%)
- Green (84%)
- Blue (76%)



- Red (76%)
- Yellow (84%)
- Blue (76%)



- Cyan (0%)
- Magenta (0%)
- Yellow (10%)
- Black (16%)



- Cyan (16%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6576, 66.7473, 60.0859 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 61.6576, 66.7473, 60.0859 by changing the saturation by 10% instead.

■ 61.6576, 66.7473,
60.0859

■ 61.6576, 66.7473,
60.0859

420.4185,
449.0448, 442.7278

■ 45.0106, 48.8793,
43.0621

■ 106.3232,
114.5582, 106.4989

■ 31.6671, 34.5237,
29.6021

135.0726,
145.2700, 136.7251

■ 21.2617, 23.2962,
19.2873

168.5869,
181.0317, 172.1893

■ 13.4290, 14.8124,
11.6991

207.2314,
222.2279, 213.3099

■ 7.8036, 8.6878,
6.4191

251.3714,
269.2429, 260.5055

■ 4.0203, 4.5381,
3.0287

301.3724,

■ 1.7136, 1.9789,

322.4611, 314.1947

1.1093

357.5996,
382.2669, 374.7959

■ 0.4648, 0.5952,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.6576, 66.7473,
60.0859

■ 61.6576, 66.7473,
60.0859

■ 59.1465, 65.7120,
48.3453

■ 64.5228, 67.9288,
73.6660

■ 56.9690, 64.8083,
38.3611

■ 67.7508, 69.2534,
89.1554

■ 55.1110, 64.0325,
30.0499

■ 70.9510, 70.5670,
104.4890

■ 53.5550, 63.3777,
23.3202

■ 71.2436, 70.7179,
104.5027

■ 52.2820, 62.8362,
18.0717

■ 71.5379, 70.8696,
104.5165

■ 51.2707, 62.3997,
14.1923

■ 71.8340, 71.0223,
104.5303

■ 50.4968, 62.0584,
11.5545

■ 72.1318, 71.1758,
104.5443

■ 49.9316, 61.8007,
10.0064

■ 72.4314, 71.3302,
104.5583

■ 49.5307, 61.6096,
9.2813

■ 72.7327, 71.4856,
104.5724

Harmonies

Analogous

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



64.2240, 66.7473, 59.3982



61.6576, 66.7473, 60.0859



59.6223, 66.7473, 64.0212

Triad

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



61.6576, 66.7473, 60.0859



60.3424, 66.7473, 84.4225



68.5227, 66.7473, 74.9317

Complementary

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



61.6576, 66.7473, 60.0859



53.5865, 54.5174, 71.9922

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.



67.4200, 66.7473, 82.0786



61.6576, 66.7473, 60.0859



62.6650, 66.7473, 87.7993

Square

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



61.6576, 66.7473, 60.0859



58.8775, 66.7473, 77.9564



65.2591, 66.7473, 86.9134



68.2350, 66.7473, 67.6404

Rectangle

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



61.6576, 66.7473, 60.0859



58.8176, 66.7473, 68.1146



65.2591, 66.7473, 86.9134



68.3012, 66.7473, 77.4376

Sweetspot

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



61.6594, 66.7502, 60.0873



93.7142, 99.4508, 102.5358



56.8846, 56.7640, 58.4115



19.9840, 21.2559, 21.5921



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.



61.6594, 66.7502, 60.0873



89.9967, 97.9195, 84.9628



58.6299, 65.1884, 59.9456



13.4142, 14.4897, 13.2505



29.6489, 36.8609, 5.5522



1.8060, 2.2324, 0.3357

Inverse Universe

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



53.5865, 54.5174, 71.9922



76.1137, 76.8826, 105.4359



56.4411, 55.9890, 72.1258



11.7945, 12.0355, 15.6390



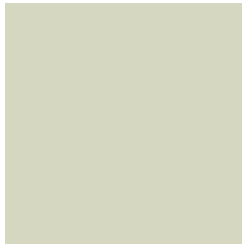
7.4340, 2.9849, 38.6375



0.4673, 0.1898, 2.3313

Previews

White Background



This preview shows how the XYZ color 61.6576, 66.7473, 60.0859 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 61.6576, 66.7473, 60.0859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

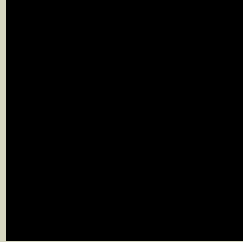
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

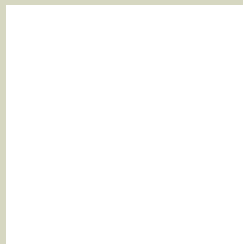
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.6576, 66.7473, 60.0859

Background



This preview shows how black text looks on a background with the XYZ color 61.6576, 66.7473, 60.0859.



This preview shows how white text looks on a background with the XYZ color 61.6576, 66.7473,

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

61.6576, 66.7473, 60.0859

Protanopia

63.4329, 66.9239, 59.4435

Deuteranopia

68.1973, 66.7835, 60.9259



Tritanopia

66.1251, 66.6993, 82.0621

Trichromacy



Original Color

61.6576, 66.7473, 60.0859

Protanomaly

62.7744, 66.9590, 59.4850

Deuteranomaly

65.4931, 66.4849, 60.4199

Tritanomaly

64.4245, 66.7450, 73.7775

Monochromacy



Original Color

61.6576, 66.7473, 60.0859

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.2543, 66.1424, 67.2432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6576, 66.7473, 60.0859 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(214, 215, 193) looks like.

```
.text, #text, p{  
    color:rgb(214, 215, 193)  
}
```

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(214, 215, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 215, 193) }
```

Border

The CSS property to change the border of an element to XYZ 61.6576, 66.7473, 60.0859 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(214, 215, 193) }
```


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

```
.border{ border-color:rgb(214, 215, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 215, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 215, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 215, 193);  
box-shadow:4px 4px 4px 4px rgb(214, 215,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6576, 66.7473, 60.0859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 215, 193) }
```

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

```
.background{ background-color: rgb(214,  
215, 193) }
```

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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